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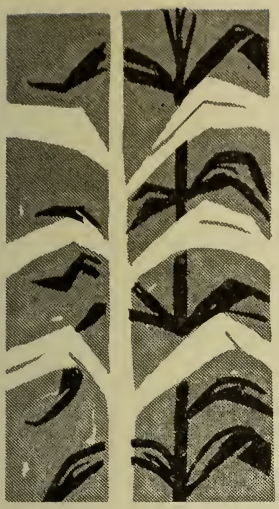


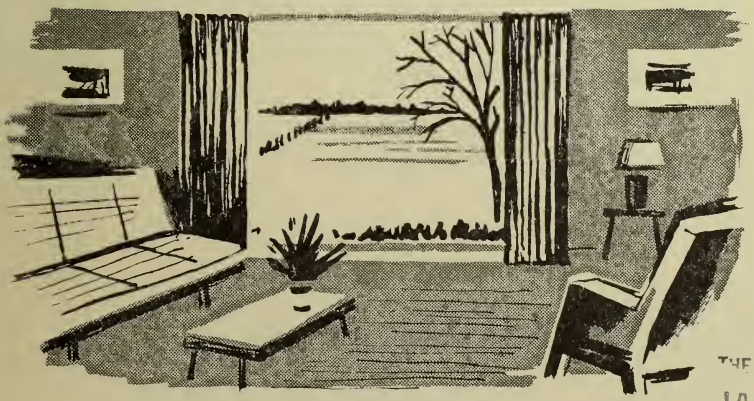
UNIVERSITY OF ILLINOIS **BULLETIN**

February 1-4, 1954

FIFTY-THIRD ANNUAL

FARM and HOME *week*

Better Farming — Better Living



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COLLEGE OF AGRICULTURE UNIVERSITY OF ILLINOIS
Urbana, Illinois

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TO THE FARMERS AND HOMEMAKERS OF ILLINOIS

The productivity of American farmers and the efficiency of American homemakers are the wonder of all who view them against the efforts of people in other countries, many of which have comparable natural resources. I, for one, believe the explanation lies largely in the widespread interest among our farmers and homemakers in knowing and using the latest and best knowledge about agriculture and home economics.

This interest is shown in many ways, but important among them is the unflagging attention to results of research conducted by the state experiment stations and the United States Department of Agriculture.

For more than 50 years the Illinois College of Agriculture has each year invited all interested citizens to take part in an event, originally called "The Farmers' and Stockmen's Convention," but for some years known as Farm and Home Week. This is a time for catching up with the latest and best that is known about agriculture, homemaking, and many related subjects, such as the national and international sitiuations as they affect the daily lives of people.

Another of our traditional, but always varied, Farm and Home Week programs has been planned for the first week in February 1954. The pages of this program represent the efforts of many members of the college staff to offer something that will be of interest and use to each of you. Numerous programs are offered at this time so that each one of you may make your own choice.

In behalf of the entire college staff, I welcome you and hope that your visit to the University during this 1954 Farm and Home Week may prove both profitable and enjoyable.

Sincerely yours,

Robert R. Hudelson

R. R. Hudelson

Vol. 51, No. 31; December, 1953. Published seven times each month by the University of Illinois. Entered as second-class matter December 11, 1912, at the post office at Urbana, Illinois, under the Act of August 24, 1912. Office of Publication, 207 Administration Building, Urbana, Illinois.

INFORMATION FOR FARM AND HOME WEEK GUESTS

FIRE SAFETY REGULATIONS of the Board of Trustees of the University of Illinois require that all aisles and entrances in University buildings be kept clear. Although the Farm and Home Week Committee has attempted to provide large enough rooms for every meeting, there may be overflow crowds at some sessions. Since these regulations do not permit anyone to block the aisles or entrances, the College of Agriculture hopes guests will be prepared to select another session if a meeting has already been filled.

REGISTRATION headquarters will be maintained on the first floor, Main Lounge, Illini Union, from 3:00 p.m. January 31 through February 4; foyer of Auditorium and lobby Lincoln Hall, February 1 through 3. Every visitor is urged to register. There is no charge.

MAPS of the campus and surrounding vicinity are available at the registration desks.

MEALS are served at the Illini Union. Colonial room: Sunday buffet 5:30 p.m.-7:00 p.m. Week days: lunch, 11:45 a.m.-1:30 p.m.; dinner, 5:45 p.m.-7:30 p.m. Cafeteria: breakfast, 7:00 a.m.-8:30 a.m.; lunch, 11:15 a.m.-1:15 p.m.; dinner, 5:15 p.m.-7:00 p.m. Lunches will be served in the Agricultural Engineering Building from 8:00 a.m. to 5:00 p.m. daily; Thursday, 8:00 a.m. to 3:00 p.m. There are also several restaurants near the campus.

ROOM ACCOMMODATIONS will be ample for all Farm and Home Week visitors. Accommodations will include the University Residence Halls for the entire period as follows: Busey-Evans and Lincoln Avenue Residence for women, Men's Halls and Parade Ground Units for men, and Lincoln Avenue Residence for couples. Rooms in private homes also will be available. Lists will be at the Registration Desks, Union Building and Auditorium. Room rates will range from $2.00 to $3.00 per night per person depending on length of stay and whether single or double occupancy is desired. Registration will begin on Sunday at 3:00 p.m.

LOST AND FOUND articles should be reported or turned in to registration headquarters, Illini Union, Auditorium and Lincoln Hall.

ILLNESS OR ACCIDENTS should be reported promptly to the registration desk in the Illini Union. First Aid service will be rendered by the University Health Station, 807 South Wright Street, Champaign, telephone University Extension 421.

PUBLICATIONS — Bulletins, circulars, and other printed information of the College of Agriculture are on display in the Illini Union. Cards are provided on which requests may be made for any of the publications.

FOR THOSE WHO CANNOT ATTEND

Arrangements have been made to broadcast as much of the Farm and Home Week program as possible over station W I L L, 580 on your radio dial. Features to be broadcast will be announced each day of Farm and Home Week at 8:45 a.m., and during the regular Farm and Home programs.

LEISURE-TIME CHOICES

BROWSING ROOM (First Floor, Illini Union) — Popular and timely books. 12:00 noon to 2:00 p.m.; 6:00 to 10:00 p.m., daily.

EXHIBITS — Lower Gym, Bevier Hall, Stock Pavilion, Agricultural Engineering Building, Agricultural Engineering Research Lab, and Illini Union. Demonstrations and displays on agriculture and home economics. Open Monday 12:00 noon to 5:30 p.m.; Tuesday and Wednesday 9:00 a.m. to 5:30 p.m. (On Wednesday, Stock Pavilion open from 11:30 a.m. to 1:30 p.m. and 3:00 to 5:30 p.m.) and Thursday 9:00 a.m. to 3:30 p.m. Faculty and staff members will be present to answer questions.

HORTICULTURE — Flowers and vegetables in the Floriculture and Vegetable Greenhouses; research equipment in the Horticulture Field Laboratory; 8:00 a.m. to 5:00 p.m., daily.

ICE SKATING (Ice Rink) — Rented skates available; 7:30 p.m. to 10:00 p.m., daily. Admission charge.

MEAL SERVICE LABORATORY EXHIBIT — 121, 123 Bevier Hall. Monday 4:00 to 5:30 p.m.; Tuesday and Wednesday 11:00 a.m. to 1:30 p.m.; 4:00 to 5:30 p.m.; Thursday 11:00 a.m. to 1:30 p.m.

MUSEUMS — Third and Fourth Floors, Natural History Building — Exhibits of plants, animals, mushrooms, semi-precious stones, and Indian relics from Illinois; 8:00 a.m. to 5:00 p.m. daily.
Fourth Floor, Lincoln Hall — Exhibits of European culture, sculpture, and other art objects, agricultural implements, clothing from ancient Egypt and other countries down to the present time. 1:00 to 5:00 p.m. Monday, Tuesday, Wednesday.

SOCIAL RECREATION — Upper Gym, Bevier Hall, 4:00 p.m. Monday, Tuesday, and Wednesday.

SOIL TESTING LABORATORY — 237 Davenport Hall. Exhibit of soil testing and soil survey. 8:00 a.m. to 12:00 noon, and 1:00 to 5:00 p.m., daily.

SOUTH FARMS — Agronomy Seed House; beef cattle, dairy cattle, horses, poultry, sheep, and swine under experimental conditions, 8:00 a.m. to 5:00 p.m., daily.

SUNDAY, JANUARY 31

3:00-10:00 p.m. — Registration — Main Lobby Illini Union Building

EVENING

SMITH MUSIC HALL W. L. Burlison, *presiding*

7:30 Vespers service
Rural chorus — Verrollton C. Shaul, director
Group singing — David Albright, leader
Vespers talk — Vernon MacNeill

MONDAY, FEBRUARY 1

MORNING

RURAL YOUTH 112 Gregory Hall Clareta Walker, *presiding*

10:00 Registration, Songfest
Know Rural Youth in Illinois — Hugh McCleery
11:15 Adjourn
†11:45 Rural Youth Luncheon — Latzer Hall, University YMCA

AGRICULTURAL POLICY Auditorium G. L. Jordan, *presiding*

10:00 Effects of Agricultural Programs, Price Supports, Allotments, and Conservation Payments on:
Farm Income — E. J. Working
Farm Operations and Management — P. E. Johnston
Conservation and Use of Resources — E. L. Sauer
Utilization of Farm Products — L. J. Norton
National Strength and Prosperity — L. H. Simerl
11:00 Questions from the audience. Panel — P. E. Johnston, G. L. Jordan, L. J. Norton, E. L. Sauer, L. H. Simerl, E. J. Working
11:30 Adjourn

HORTICULTURE 107 Vegetable Crops Building J. C. McDaniel, *presiding*

9:00 Kinds of Tree and Small Fruits Suitable for the Home Garden — A. S. Colby, J. C. McDaniel
10:00 Pest Control in the Fruit and Vegetable Garden — Dwight Powell, M. B. Linn, J. M. Wright, S. C. Chandler
11:00 What Fruit Quality Means to You: the Consumer — R. V. Lott
12:00 Adjourn

HORTICULTURE 103 Floriculture Building J. R. Kamp, *presiding*

9:00 Foundation Plantings — H. R. Kemmerer

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† Charge for admission.

10:00 Foundation Plantings — H. R. Kemmerer
11:00 Care of the Lawn — F. F. Weinard
12:00 Adjourn

101 Floriculture Building

9:00 Corsage Making — J. R. Culbert
11:00 Corsage Making — J. R. Culbert
12:00 Adjourn
Tours of Vegetable Crops and Floriculture greenhouses begin at 9:00, 10:00, and 11:00 a.m. from entrance of Floriculture Building

NOON

12:00 Movies 201 Agricultural Engineering

AFTERNOON

HOMEMAKERS' PROGRAM Lincoln Hall Theatre Janice Smith, *presiding*

1:00 Family Reactions to House Plan Changes in the Space Laboratory — Rudard A. Jones
Emotional Climate in the House: Fresh Varied Winds, Showers Ahead — J. Charles Jones, J. Richard Suchman
3:00 General Session

RURAL YOUTH 112 Gregory Hall Clareta Walker, *presiding*

1:30 Group singing
S.O.S. (Safety Offers Survival) — A. E. Florio
3:00 General Session

FARM PONDS 201 Agricultural Engineering W. F. Lytle, *presiding*

1:00 Sensible Construction and Use — B. F. Muirheid
1:25 For Domestic Use — F. W. Andrew
2:00 For Irrigation — L. E. Gard
2:25 For Recreation — G. W. Bennett
3:00 General Session

DAIRY PROCESSING Dairy Manufactures Building

1:00 Conducted Tour Through Dairy Plant
3:00 General Session

AGRICULTURAL OUTLOOK Auditorium E. J. Working, *presiding*

1:00 The Over-All Situation — L. H. Simerl
Grain Prices — L. J. Norton
Livestock Prices — L. F. Stice
Prices of Dairy Products — G. C. Kleiman
2:00 Questions from the audience. Panel — G. C. Kleiman, L. J. Norton, L. H. Simerl, L. F. Stice, E. J. Working
3:00 General Session

SMALL GRAIN 100 Gregory Hall J. C. Hackleman, *presiding*

1:00 Varieties
Oats — O. T. Bonnett
Wheat — R. O. Weibel
Diseases — W. M. Bever
2:00 The United States Oats Picture — D. E. Western
Planting Patterns, Rates — J. W. Pendleton
3:00 General Session

HORTICULTURE 107 Vegetable Crops Building N. F. Oebker, *presiding*

1:00 Answers to Soil Problems in the Home Vegetable Garden — C. Y. Arnold
1:30 How the Illinois Climate Affects the Success of Your Garden — J. P. McCollum
2:00 What's New in Vegetable Varieties for the Garden — N. F. Oebker
3:00 General Session

103 Floriculture Building F. F. Weinard, *presiding*

1:00 Home Propagation of Ornamental Plants — J. R. Kamp
2:00 Annuals for the Flower Garden — G. M. Fosler
3:00 General Session

101 Floriculture Building

2:00 Corsage Making — J. R. Culbert
3:00 General Session
Tours of Vegetable Crops and Floriculture greenhouses begin at 1:00, 2:00 p.m. from entrance of Floriculture Building

GENERAL SESSION Auditorium R. R. Hudelson, *presiding*

3:00 Music — Bruce Foote, baritone
Introduction — Lloyd Morey, President, University of Illinois

Address — William G. Stratton, Governor of Illinois

For Leisure-Time Choices, see page 5

EXHIBITS

Lower Gym of Bevier Hall, Stock Pavilion, Agricultural Engineering Building, Agricultural Engineering Research Lab, and the Illini Union.

EVENING

†5:45 Rural Youth Banquet — Ballroom, Illini Union — A. F. Stephens, speaker

RURAL PASTORS' SHORT COURSE University Place Christian Church
C. L. Folse, *presiding*

†5:30 Annual Dinner
Development of Farm Policy — Howard W. Beers

FARM AND HOME WEEK OPEN HOUSE

6:30-11:30 p.m., Illini Union
For Your Entertainment
Movies and colored slides
Music
Singing, featuring the Vermilion County Chorus
Mixers and dancing
Cards and other games
Exhibits and demonstrations
Floor show — a variety of acts, plus barbershop singing
And lots of lounging space to chat with your neighbors and University friends
Programs will be available at all entrances.

TUESDAY, FEBRUARY 2

MORNING

HOMEMAKERS' PROGRAM Lincoln Hall Theatre Harriet Barto, *presiding*

9:00 Detergents for the Home Laundry and Kitchen — Z. John Ordal
Pure Food and Drug Laws: A Woman's Responsibility — James L. Fox
11:30 Adjourn

HORTICULTURE 107 Vegetable Crops Building J. C. McDaniel, *presiding*

9:00 Kinds of Tree and Small Fruits Suitable for the Home Garden — A. S. Colby, J. C. McDaniel
10:00 Pest Control in the Fruit and Vegetable Garden — Dwight Powell, M. B. Linn, J. M. Wright, S. C. Chandler
11:00 What Fruit Quality Means to You: The Consumer — R. V. Lott
12:00 Adjourn

† Charge for admission.

103 Floriculture Building J. R. Kamp, *presiding*

9:00 Foundation Plantings — H. R. Kemmerer
10:00 Foundation Plantings — H. R. Kemmerer
11:00 Care of the Lawn — F. F. Weinard
12:00 Adjourn

101 Floriculture Building

9:00 Corsage Making — J. R. Culbert
11:00 Corsage Making — J. R. Culbert
12:00 Adjourn

Tours of Vegetable Crops and Floriculture greenhouses begin at 9:00, 10:00, 11:00 a.m. from entrance of Floriculture Building

GRAIN MARKETING — PRICE PROGRAMS 103 Mumford Hall
R. J. Mutti, *presiding*

9:00 How Do We Dispose of Grain? — T. A. Hieronymus
9:30 Prospects and Problems in Exporting U. S. Grain—Harold Vogel
10:00 Acreage Adjustment Programs and Their Relation to Price Supports — Lester E. Leigh
10:30 Alternative Proposals for Supporting Grain Prices — O. D. Brissenden
11:15 Discussion
11:30 Adjourn

BEEKEEPING 104 Vivarium V. G. Milum, *presiding*

9:00 A Year in Beekeeping — V. G. Milum
10:00 The Tools of the Honeybee — V. G. Milum
11:00 The Nature of Honey and Its Care — V. G. Milum
11:30 Adjourn

AGRONOMY Auditorium

8:00 Question Box on Small Grain — O. T. Bonnett, leader

LEGUMES AND GRASSES Auditorium J. G. Cash, *presiding*

9:00 Chopping and Feeding Green Forage Direct from Field — A. L. Neumann, Mrs. Louis Spirrison, Marvin Nelson
10:00 My Experience in Self-Feeding Grass Silage — Curtis Severn
10:20 Will Birdsfoot and Irrigation Increase Pasture Yields? — R. J. Webb
10:40 Emergency Seedings for 1954 — W. O. Scott
11:00 The Value of Legumes on Cash-Grain Farms — M. P. Gehlbach
11:30 Adjourn

FARM MACHINERY 201 Agricultural Engineering R. I. Shawl, *presiding*

9:00 Ways of Harvesting Corn
Introduction — G. E. Pickard
Panel with Farmers
Discussion

10:30 Drying Shelled Corn — J. H. Ramser
11:00 Safety on the Corn Picker — Panel — Gordon McCleary, leader
11:30 Adjourn
12:00 Movies, 201 Agricultural Engineering

RURAL PASTORS' SHORT COURSE 314(S) Illini Union C. H. Innis, *presiding*

8:25 Morning Devotions, Evangelism and Rural Life — Walther A. Eissfeldt
9:00 How Rural and How Religious Is Rural America — Alfred L.Tripp
10:15 Discussion
11:50 Adjourn

FOOD PROCESSING South Wing Horticulture Field Laboratory

10:00 Conducted Tour Through Food Processing Laboratory
11:30 Adjourn

DAIRY MARKETING 135 Animal Sciences Laboratory Walter Winn, *presiding*

9:00 Economies of an Even Production Program:
From a producer's viewpoint — Lloyd Friend
From a distributor's viewpoint — Fred Nonamaker
9:45 Should Illinois Have a State-Wide Grade A Ordinance?
From a producer's viewpoint — Judson P. Mason
From a distributor's viewpoint — Robert Owens
10:30 Can the Farm Sales Program of Fresh Concentrated Milk Now Used in the Bloomington and Henry Areas Be Expanded? — Julian Foelsch
10:50 Discussion
11:00 Up-to-Date Information on Use of Farm Tanks in Place of Milk Cans — Owen Owens
11:20 Discussion
11:30 Adjourn

ILLINOIS FARM SPORTS FESTIVAL DANCE PRELIMINARIES Women's Gym

8:30 Registration, Lower Corridor, H. H. Gordon, presiding
South Room, Ed Dalhaus, R. O. Lyon, presiding
9:00 Rural Youth Square Dance Teams
Square Dance Bands
North Room, Roy Will, C. P. Schumaier, presiding
9:00 Open Class Square Dance Teams
Open Class Folk Dance Teams
Rural Youth Folk Dance Teams
11:00 Adjourn

Afternoon sessions for the above begin at 1:30 p.m.

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AFTERNOON

RURAL PASTORS' SHORT COURSE 314(S) Illini Union
William J. Boatman, *presiding*

1:00 Problems Arising From Industry's Entry Into Rural Communities — Paul Hettinger, Burris Dickinson

3:00 General Session

HOMEMAKERS' PROGRAM AND ILLINOIS HOME BUREAU FEDERATION
Auditorium Mrs. Adam McWilliam, *presiding*

1:30 Tazewell County Home Bureau Chorus
A Look Through a Rear-View Mirror — Mrs. Haven Smith

3:00 General Session

BEEKEEPING 104 and 110 Vivarium V. G. Milum, *presiding*

1:00 Essentials of Good Beekeeping Equipment — G. H. Cale, Jr.

2:00 Honeyhouse Demonstrations, 110 Vivarium

3:00 General Session

SOYBEANS 112 Gregory Hall C. M. Woodworth, *presiding*

1:00 The Soybean Laboratory and Its Cooperative Work — J. L. Cartter
Varieties — R. D. Osler

2:00 Processors' Problems — W. E. Huge
American Soybeans in the World Market — George Strayer

3:00 General Session

DAIRY MARKETING 135 Animal Sciences Laboratory
Russell Spaulding, *presiding*

1:00 Self-Help Programs for Expanding Sales of Dairy Products — A. L. McWilliams

1:20 Discussion

1:30 The Changing Pattern of Milk Distribution in Illinois— Sheldon W. Williams

1:50 Discussion

2:00 Results of Research Studies of Sterile Concentrated Milk and Sterile Whole Milk — Ernest O. Herreid

2:20 Progress Reports of Studies on: Fresh Concentrated Milk, School Milk Programs, Ways of Lowering Milk Distribution Costs — R. W. Bartlett

2:45 Discussion

3:00 General Session

DAIRY PROCESSING Dairy Manufactures Building

1:00 Conducted Tour Through Dairy Plant

3:00 General Session

GRAIN MARKETING — PRICE PROGRAMS 103 Mumford Hall
L. F. Stice, *presiding*

1:00 Flexible Price Supports for Illinois Grain? — L. H. Simerl

1:30 What Is a Two-Price System and Its Possible Application to Illinois Grain — L. J. Norton

1:50 Panel — John Butterfield, E. B. Evans, Russell Perkinson, Lester Pfister, Harold Vogel

3:00 General Session

LIVESTOCK RESEARCH PREVIEW Lincoln Hall Theatre G. R. Carlisle, *presiding*

1:00 Bossy's Bellyache — What Are We Doing About Bloat? — A. R. Parsons

1:15 Confused Cockerels and Puzzled Pullets — Hormones For Broilers — R. C. Eaton

1:30 Wonder Drugs — Effect on Pork Carcass — Sleeter Bull

1:45 Poor Soil — Poor Feed? — T. S. Hamilton

2:00 O "K" Those Chicks — Blood Clotting in Chicks — H. M. Scott

2:15 Poor Man's Protein — Urea in Lamb Feeding — U. S. Garrigus

2:30 Super Corn — More Fat and Protein For Hogs — S. W. Terrill

2:45 Questions

3:00 General Session

HORTICULTURE 107 Vegetable Crops Building N. F. Oebker, *presiding*

1:00 Answers to Soil Problems in the Home Vegetable Garden — C. Y. Arnold

1:30 How the Illinois Climate Affects the Success of Your Garden — J. P. McCollum

2:00 What's New in Vegetable Varieties for the Garden — N. F. Oebker

3:00 General Session

103 Floriculture Building F. F. Weinard, *presiding*

1:00 Home Propagation of Ornamental Plants — J. R. Kamp

2:00 Annuals for the Flower Garden — G. M. Fosler

3:00 General Session

Tours of Vegetable Crops and Floriculture greenhouses begin at 1:00, 2:00 p.m. from entrance of Floriculture Building

VETERINARY MEDICINE 150 Veterinary Medicine Robert Graham, *presiding*

1:15 Questions and Answers on Livestock Diseases — Members of College Staff

3:00 General Session

FARM TRACTORS 201 Agricultural Engineering H. P. Bateman, *presiding*

1:00 Solving the Farmer's Tractor Troubles — A. R. Ayers

1:30 Interpretation of Nebraska Tests — J. A. Weber

2:00 New Oil Classifications — R. I. Shawl

3:00 General Session

ILLINOIS WOOD IN EVERYDAY LIVING Stock Pavilion J. N. Spaeth, *presiding*

1:15 From the Tree — R. E. Nelson

1:45 On the Farm — C. S. Walters

2:15 In the Home — W. L. Meek

3:00 General Session

GENERAL SESSION Auditorium
W. G. Kammlade, *presiding*

3:00 Music — Nellie Stuart, soprano

Building Leadership for Better Communities — George McLean, Publisher and Executive Editor, *Tupelo Journal,* Tupelo, Mississippi.

For Leisure-Time Choices, see page 5

EXHIBITS

Lower Gym of Bevier Hall, Stock Pavilion, Agricultural Engineering Building, Agricultural Engineering Research Lab, and the Illini Union

EVENING

STOCKMEN'S BANQUET

†6:00 Ballroom, Illini Union — Speaker — Melvin C. Lockard

RURAL PASTORS' SHORT COURSE 314(S) Illini Union

Denominational Meetings (to be announced)

WINTER FESTIVAL FOLK AND SQUARE DANCE JAMBOREE George Huff Gym
E. H. Regnier, *presiding*

7:00 Who's Your Dancing Neighbor?

7:30 Everybody Dance

8:30 Recognition in Rhythm

9:30 Folk Figures

10:00 Guest Callers

11:00 Good Night, Neighbor

† Charge for admission.

WEDNESDAY, FEBRUARY 3

MORNING

CONFERENCE OF ADVISORY COUNCIL MEMBERS 100 Gregory Hall J. E. Hill, *presiding*

9:00 Report of a Study of Advisory Councils in Illinois — H. M. Hamlin

9:20 Council Opportunities and Responsibilities — Representatives from councils at Alexis, Altamont, Eldorado, and Oregon

10:30 Council Relationships to State Policies and Programs — J. E. Hill — Room 207

10:30 Council Participation in Formulating Local Policies for Agricultural Education — H. M. Hamlin and representatives from councils at Beecher, Belvidere, and Milford — Room 205

10:30 Organizing Councils and Conducting Newly Organized Councils — L. J. Phipps — Room 217

10:30 Yearly Programs and Activities of Established Councils — H. F. Engelking — Room 215

10:30 FFA Advisory Committees — A. H. Krebs, V. E. Burgener — Room 219

10:30 Council Participation in Planning On-Farm Instruction for Members of Adult Classes — G. P. Deyoe, David F. Byrne, G. S. Zimmerman — Room 221

11:30 Adjourn

FOOD PROCESSING South Wing Horticulture Field Laboratory

10:00 Conducted Tour Through Food Processing Laboratory

11:30 Adjourn

HOMEMAKERS' PROGRAM Lincoln Hall Theatre Florence King, *presiding*

9:00 Pre-Packaged Foods: Their Place in the Home — Jeanne Paris
Good Consumership Only Begins With Buying — Jules Labarthe

11:30 Adjourn

BEEKEEPING 104 Vivarium G. H. Cale, Jr., *presiding*

8:15 How Honey Is Marketed — Carl E. Killion

9:00 What Race and Strains of Bees Shall We Use — G. H. Cale, Jr.

9:45 How I Would Start in Beekeeping — Eugene E. Killion

10:30 Impressions From the National Meetings — Carl E. Killion

11:00 Fall and Winter Management of Bees — V. G. Milum

11:30 Adjourn

MAKING CHORES EASIER 112 Gregory Hall J. B. Claar, *presiding*

9:00 Introductory Remarks — J. B. Claar

9:10 Hogs — M. P. Gehlbach

9:40 Dairy Cattle — C. J. Fenzau

10:10 Beef Cattle — R. N. Van Arsdall
10:40 Discussion
11:30 Adjourn

RURAL PASTORS' SHORT COURSE 314(S) Illini Union
George H. Wilson, *presiding*

8:25 Morning Devotions, Stewardship in Rural Life — Duff Tucker
9:00 Relationship of the Church to the Extension Service and Other Agricultural Agencies — W. G. Kammlade
11:50 Adjourn

PRACTICAL APPLICATIONS OF LIVESTOCK RESEARCH Stock Judging Pavilion
H. G. Russell, *presiding*

9:00 How to Select a Meat-Type Hog — Carroll Plager
9:30 YOU Select a Meaty Hog — S. W. Terrill, H. G. Russell, G. R. Carlisle, R. L. Coppersmith
10:00 The Ups and Downs of Self-Feeding Lambs — U. S. Garrigus
10:45 Do You Know Your Eggs? — E. E. Broadbent
11:00 The Chick as a Tool in Nutrition Research — H. M. Scott
11:15 Which Hen Would You Cull? — R. C. Eaton
11:45 Adjourn

HORTICULTURE 107 Vegetable Crops Building J. C. McDaniel, *presiding*

9:00 Kinds of Tree and Small Fruits Suitable for the Home Garden — A. S. Colby, J. C. McDaniel
10:00 Pest Control in the Fruit and Vegetable Garden — Dwight Powell, M. B. Linn, J. M. Wright, S. C. Chandler
11:00 What Fruit Quality Means to You: the Consumer — R. V. Lott
12:00 Adjourn

103 Floriculture Building J. R. Kamp, *presiding*

9:00 Foundation Plantings — H. R. Kemmerer
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11:00 Care of the Lawn — F. F. Weinard
12:00 Adjourn

101 Floriculture Building

9:00 Corsage Making — J. R. Culbert
11:00 Corsage Making — J. R. Culbert
12:00 Adjourn

Tours of Vegetable Crops and Floriculture greenhouses begin at 9:00, 10:00, 11:00 a.m. from entrance of the Floriculture Building

FARMSTEAD ORGANIZATION AND FARMHOUSE REMODELING 150 Veterinary Medicine Deane G. Carter, *presiding*

9:00 Symposium featuring aspects of farm management, engineering, landscaping, forestry, and home management — J. B. Andrews,

L. B. Culver, K. H. Hinchcliff, H. R. Kemmerer, L. R. Kyle, Catherine Sullivan, with participating farm families

11:30 Adjourn

12:00 Movies 201 Agricultural Engineering

AGRONOMY Auditorium

8:00 Question Box on Legumes, Grasses, Soybeans — A. W. Burger, leader
F. C. Bauer, presiding

9:00 Corn Production Lessons From the 1953 Season
Hybrid Variety Tests — J. W. Pendleton
Diseases — Benjamin Koehler
Fertilizers — A. L. Lang

10:00 Mechanical vs. Chemical Weed Killers — F. W. Slife
Picture Story of Hybrid Corn in European and Mediterranean Countries — R. W. Jugenheimer

11:30 Adjourn

MANAGING THE DAIRY HERD 135 Animal Sciences Laboratory W. W. Yapp, *presiding*

9:30 Cutting Feed Costs — K. E. Gardner

10:00 Preventive Measures for Herd Health — L. R. Bain

10:30 What Does a Bull Proof Indicate — R. W. Touchberry

11:00 Management Practices and Fertility — N. L. VanDemark

11:30 Adjourn

FAMILY CAMP Faculty Lounge, Illini Union Ernest Bartison, *presiding*

10:00 Some Experiences, Plans, and Proposals for Family Camping in Illinois

11:30 Adjourn

AFTERNOON

CONFERENCE OF ADVISORY COUNCIL MEMBERS

1:30 Council Participation in Planning Programs in Farm Mechanics — L. J. Phipps — Room 205

1:30 Council Participation in Planning Programs for High School Boys — G. P. Deyoe — Room 207

1:30 Council Participation in Planning Programs for Young Farmers — Kenneth J. Condit — Room 217

1:30 Council Participation in Planning Programs for Adult Farmers — H. R. Damisch — Room 215

1:30 Council Participation in Planning Guidance and Counseling for Farm Boys and Young Farmers — A. H. Krebs — Room 219

1:30 Councils as Study Groups — H. M. Hamlin — Room 221

3:00 General Session

PRACTICAL APPLICATIONS OF LIVESTOCK RESEARCH Stock Judging Pavilion
H. G. Russell, *presiding*

1:00 Making Cheap Beef
Bred-In Economy of Gain — J. V. Craig
Roughages Rate High as Cheap Feeds — A. L. Neumann
How We Make Cheap Beef Down South — H. H. Pierce
Making Cheap Beef in the West — D. L. Staheli

2:30 Carcasses of Hogs Selected at 9:30 a.m. Show — B. C. Breidenstein, Sleeter Bull

3:00 General Session

HOMEMAKERS' PROGRAM Lincoln Hall Theatre Catherine Sullivan, *presiding*

1:30 Household Equipment: 1954 Style — Ruth M. Beard

3:00 General Session

CURRENT FARM BUSINESS ADJUSTMENTS 112 Gregory Hall
R. C. Ross, *presiding*

1:00 Adjustments in Land Use — P. E. Johnston

1:30 Adjustments in Livestock — A. G. Mueller

2:00 Adjustments in Farm Leases — F. J. Reiss

2:30 Discussion

3:00 General Session

BEEKEEPING 104 Vivarium V. G. Milum, *presiding*

1:00 Spring and Summer Management for Production of Extracted Honey — G. H. Cale, Jr.

1:45 Management for Section and Bulk Comb Honey Production — Carl E. Killion

2:30 Pollination and Seed Production Service — G. H. Cale, Jr.

3:00 General Session

RURAL PASTORS' SHORT COURSE 314(S) Illini Union
George H. Wilson, *presiding*

1:00 Summary of Short Course Achievements — Ralph Cummins, Edward W. O'Rourke, M. H. Rothe

2:00 The Church's Answer to the Challenge of the Future — E. W. Mueller

3:00 General Session

FEED HANDLING EQUIPMENT 201 Agricultural Engineering
E. W. Lehmann, *presiding*

1:00 Mechanical Feeders for Forage and Grain — L. S. Foote

1:25 Blowers for Handling Grain and Ground Feed — R. W. Kleis

1:45 Discussion of Commercial Equipment for Grain Handling and Grinding — F. W. Andrew

2:15 Results of Feeding Tests of Feed Prepared with Hammer and Burr Mills — A. L. Neumann, R. W. Kleis
2:30 Question Period
3:00 General Session

HORTICULTURE 107 Vegetable Crops Building N. F. Oebker, *presiding*

1:00 Answers to Soil Problems in the Home Vegetable Garden — C. Y. Arnold
1:30 How the Illinois Climate Affects the Success of Your Garden — J. P. McCollum
2:00 What's New in Vegetable Varieties for the Garden — N. F. Oebker
3:00 General Session

103 Floriculture Building F. F. Weinard, *presiding*

1:00 Home Propagation of Ornamental Plants — J. R. Kamp
2:00 Annuals for the Flower Garden — G. M. Fosler
3:00 General Session
Tours begin at 1:00 and 2:00 p.m. from Floriculture Building

ICE CREAM DEMONSTRATION Dairy Manufactures Building

1:00 Making Fancy Ice Cream at Home — P. H. Tracy, W. L. Herriott
3:00 General Session

CORN PRODUCTION AND CROP PESTS Auditorium J. A. Jackobs, *presiding*

1:00 Performance of Corn at Different Rates of Planting. Panel — E. R. Leng, D. E. Alexander, E. B. Earley, J. W. Pendleton, E. H. Tyner, S. W. Melsted
2:00 Insect Outlook for 1954 — H. B. Petty
Insecticides for Field Crops — J. H. Bigger
3:00 General Session

ILLINOIS DAIRYING AND THE FUTURE 135 Animal Sciences Laboratory G. W. Salisbury, *presiding*

1:00 Dairy Production in Southern Illinois — Alex Reed
2:00 Trends in Dairying — R. W. Bartlett
3:00 General Session

GENERAL SESSION Auditorium Janice Smith, *presiding*

3:00 Efficient Production Versus Over-Production — Herrell DeGraff, Babcock Professor of Food Economics, School of Nutrition, Cornell University, Ithaca, New York

For Leisure-Time Choice, see page 5

(Wednesday evening)

EXHIBITS

Lower Gym of Bevier Hall, Stock Pavilion, Agricultural Engineering Building, Agricultural Engineering Research Lab, and the Illini Union

EVENING

APIARY INSPECTORS' CONFERENCE 104 Vivarium Carl E. Killion, *presiding*
(Open to all beekeepers)

7:00 Adult Bee Disease — V. G. Milum
7:45 Diagnosing Brood Diseases — G. H. Cale, Jr.
8:30 Apiary Inspection and Disease Control — Carl E. Killion
9:15 General Discussion — Apiary Inspectors

ILLINOIS RURAL MUSIC AND DRAMA FESTIVAL Auditorium

†8:00 Stage productions of selected one-act plays and music features from the 1953-54 county festivals

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THURSDAY, FEBRUARY 4

MORNING

FERTILIZER ECONOMICS 100 Gregory Hall W. D. Buddemeier, *presiding*

9:00 Pay-As-You-Go Fertilizer Programs — L. R. Kyle
9:40 Practical Methods of Developing Fertilizer Programs — Panel: E. G. Fruin, Roger Gish, B. L. McNabb
11:30 Adjourn

RURAL LIFE CONFERENCE 314(S) Illini Union Ivan E. Parett, *presiding*

9:00 Citizen Responsibility for Public Education — M. R. Sumption
9:15 Citizen Participation in Public Education — H. M. Hamlin
9:30 Examples of Citizen Participation — Mrs. Frank Allen, Clarence Klinefelter, Victor C. Leiker, Carl Peterson
11:30 Adjourn

FARM BUILDING DESIGN AND EQUIPMENT FOR SAVING LABOR 201 Agricultural Engineering Deane G. Carter, *presiding*

9:00 Group discussion:
Storing and Handling of Grain Feed and Forage
Mechanizing Farmstead Operations
Analyzing Yards and Building Arrangement — Panel — F. W. Andrew, J. T. Clayton, K. H. Hinchcliff, R. W. Kleis, R. N. Van Arsdall
11:30 Adjourn
12:00 Movies 201 Agricultural Engineering

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† Charge for admission.

HOMEMAKERS' PROGRAM Lincoln Hall Theatre Anna Searl, *presiding*

9:00 Safe Homes Recognition — Mrs. James Graham
Short Cuts in the Kitchen Save Time — Jean M. Vertovec
What Influences Family Financial Decisions? — Ruth C. Freeman, Mr. and Mrs. Reon D. Hicks, Mr. and Mrs. Ralph Warfield, Mr. and Mrs. Robert C. Peverly

11:30 Adjourn

AGRONOMY 112 Gregory Hall

8:00 Question Box on Corn Production and Crop Pests —
L. B. Miller, leader
M. B. Russell, presiding

9:00 Agronomy Research Review
"Short Stuff" — Dwarf Corn and Dwarf Broomcorn —
E. R. Leng
"Dig a Little Deeper" — Rooting of Corn, Wheat, and Legumes in Relation to Soil Treatment — P. E. Johnson
"Up in the Air" — Aerial Photography, A Soil Survey Tool —
R. H. Rust
"Up and Atom" — Radioactivity Helps Us Understand Plant Growth — L. E. Haley
"Skin Deep" — Tissue Testing for Plant Nutrient Needs —
R. D. Hauck
"Black Magic" — Where Is That Soil Nitrogen? —
F. J. Stevenson
"So Much From So Little" — Alfalfa Response to Boron —
D. A. Russel

11:30 Adjourn

NOON

FARM MANAGEMENT LUNCHEON Ballroom, Illini Union
J. B. Andrews, *presiding*

†11:45 Luncheon, Entertainment

12:45 Your Stake in Farm Policy — Earl M. Hughes

AFTERNOON

RURAL LIFE CONFERENCE 314(S) Illini Union Ivan E. Parett, *presiding*

1:15 Issues in Public Education — B. L. Dodds, Mrs. Russell Oplinger, Robert M. Cole

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† Charge for admission.

SPECIAL EVENTS

MONDAY, FEBRUARY 1

11:45 4-H X-TRA CORN YIELD BANQUET Ballroom, Illini Union
Sponsored by Illinois Farm Supply. Admission by invitation.

TUESDAY, FEBRUARY 2

ILLINOIS HOME BUREAU FEDERATION Smith Music Hall
Mrs. Adam McWilliam, *presiding*

8:30 Registration
9:00 Annual Meeting
†12:15 Federation Luncheon Ballroom, Illini Union
Afternoon Session Illinois Home Bureau Federation Auditorium
see page 12
†6:00 Presidents' Dinner: For Past and Present County Home Bureau Presidents Latzer Hall, University YMCA

ASSOCIATION OF ILLINOIS SOIL CONSERVATION DISTRICT DIRECTORS

9:00 a.m.-5:00 p.m. Faculty Lounge, Illini Union

WEDNESDAY, FEBRUARY 3

CAMPING ASSOCIATIONS

Southern Illinois
8:00 a.m. Faculty Lounge, Illini Union
Central Illinois
4:00 p.m. 314(S) Illini Union
Shaw-waw-nas-see
4:00 p.m. Faculty Lounge, Illini Union

FFA FOUNDATION LUNCHEON

†11:30 a.m. 314(N) Illini Union

ILLINOIS HOME BUREAU FEDERATION 112 Gregory Hall

4:15 p.m. Organization Discussion for County and Unit Home Bureau Officers

ILLINOIS CROP IMPROVEMENT ASSOCIATION

†6:30 p.m. Annual Banquet Ballroom, Illini Union

ILLINOIS FARM ELECTRIFICATION COUNCIL MEETING

†6:30 p.m. Dinner Cafeteria, Gothic Room, Illini Union
7:30 p.m. Faculty Lounge, Illini Union

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† Charge for admission.

THURSDAY, FEBRUARY 4

WHITE EAGLE CAMPING ASSOCIATION

†7:00 a.m. Breakfast Federal Room, Illini Union

LEISURECRAFT AND COUNSELING CAMP COMMITTEE

10:00 a.m. 211 Illini Union

ILLINOIS SOCIETY OF FARM MANAGERS AND RURAL APPRAISERS

†6:30 p.m. Dinner Cafeteria, Illini Union
7:30 p.m. Faculty Lounge, Illini Union

ILLINOIS TURKEY GROWERS ASSOCIATION MEETING

10:00 a.m.-5:00 p.m. 127 Mumford Hall
†6:30 p.m. Banquet Latzer Hall, University YMCA

FRIDAY, FEBRUARY 5

ILLINOIS SOCIETY OF FARM MANAGERS AND RURAL APPRAISERS

8:30 a.m. 314(S) Illini Union
†11:45 a.m. Luncheon 314(N) Illini Union

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† Charge for admission.

IDENTIFICATION OF SPEAKERS

Albright, Reverend David — Church of the Brethren, Cerro Gordo, Illinois
***Alexander, D. E.** — Instructor, Plant Genetics
Allen, Mrs. Frank — Chairman, Citizens' Committee, Homer, Illinois
***Andrew, F. W.** — Assistant Professor, Agricultural Engineering Extension
***Andrews, J. B.** — Professor, Farm Management Extension
***Arnold, C. Y.** — Associate Professor, Vegetable Crops
Ayers, A. R. — Petroleum Engineer, Illinois Farm Supply Company, 100 East Ohio, Chicago 11, Illinois
***Bain, L. R.** — Instructor, Veterinary Clinical Medicine
Bartison, Ernest — Farmer, Milmine, Illinois
***Bartlett, R. W.** — Professor, Agricultural Economics
***Barto, Harriet** — Associate Professor, Home Economics
***Bateman, H. P.** — Associate, Agricultural Engineering
***Bauer, F. C.** — Professor, Soil Fertility
Beard, Ruth M. — Assistant Professor, Home Economics, Ohio State University, Columbus 10, Ohio
Beers, Howard W. — Head, Department of Rural Sociology, University of Kentucky, Lexington, Kentucky
***Bennett, G. W.** — Aquatic Biologist, State Natural History Survey
***Bever, W. M.** — Professor, Crop Pathology
***Bigger, J. H.** — Entomologist, State Natural History Survey
Boatman, Reverend William J. — First Lutheran Church, Murphysboro, Illinois
***Bonnett, O. T.** — Professor, Plant Genetics
***Breidenstein, B. C.** — Assistant, Animal Science
Brissenden, O. D. — Illinois Agricultural Association, 43 East Ohio, Chicago 11, Illinois
***Broadbent, E. E.** — Extension Specialist, Agricultural Marketing
***Buddemeier, W. D.** — Assistant Professor, Agricultural Economics
***Bull, Sleeter** — Professor, Animal Science
Burgener, V. E. — Supervisor, Agricultural Education, Illinois State Board of Vocational Education, 1119 South Sixth, Springfield, Illinois
***Burger, A. W.** — Assistant Professor, Agronomy
***Burlison, W. L.** — Head, Department of Agronomy (Emeritus)
Butterfield, John — Farmer, Pana, Illinois
Byrne, David F. — Teacher, Vocational Agriculture, Altamont, Illinois
Cale, G. H., Jr. — American Bee Journal, Hamilton, Illinois
***Carlisle, G. R.** — Associate Professor, Animal Science
***Carter, Deane G.** — Professor, Farm Structures
***Cartter, J. L.** — Senior Agronomist, USDA
***Cash, J. G.** — Associate Professor, Dairy Science
***Chandler, S. C.** — Associate Entomologist, State Natural History Survey
***Claar, J. B.** — Supervisor, Farm Bureau Farm Management Service Fieldmen
***Clayton, J. T.** — Instructor, Agricultural Engineering Extension
***Colby, A. S.** — Professor, Pomology
Cole, Robert M. — Executive Director, Illinois Association of School Boards, 223½ East Washington, Springfield, Illinois
Condit, Kenneth J. — Teacher, Vocational Agriculture, Washburn, Illinois
***Coppersmith, R. L.** — Extension Economist, Livestock Marketing
***Craig, J. V.** — First Assistant, Animal Science

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*Staff members, University of Illinois.

*Culbert, J. R. — Assistant Professor, Floriculture
*Culver, L. B. — Associate Professor, Forestry
Cummins, Reverend Ralph — General Presbyter, Illinois Synod, Presbyterian Church, USA, 809 South Fifth, Champaign, Illinois
Dalhaus, Ed — Director of Young Peoples Activities, Illinois Agricultural Association, 43 East Ohio, Chicago 11, Illinois
Damisch, H. R. — Supervisor, Agricultural Education, State Board of Vocational Education, 1119 South Sixth, Springfield, Illinois
DeGraff, Herrell — H. E. Babcock Professor of Food Economics, School of Nutrition, Cornell University, Ithaca, New York
*Deyoe, G. P. — Professor, Agricultural Education
Dickinson, Burris — President, Eureka College, Eureka, Illinois
*Dodds, B. L. — Dean, College of Education
*Earley, E. B. — Associate Professor, Soil Fertility
*Eaton, R. C. — Instructor, Animal Science
Eissfeldt, Reverend Walther A. — St. John's Lutheran Church, Missouri Synod, Buckley, Illinois
Engelking, H. F. — Supervisor, Agricultural Education, Illinois State Board of Vocational Education, 1119 South Sixth, Springfield, Illinois
Evans, E. B. — Evans Grain Company, Decatur Club Building, Decatur 60, Illinois
Fenzau, C. J. — Doane Agricultural Service, 5144 Delmar Boulevard, St. Louis 8, Missouri
*Florio, A. E. — Associate Professor, Physical Education for Men
Foelsch, Julian — Manager, Prairie Farms Creameries, Bloomington and Henry, Illinois
*Folse, C. L. — Associate Professor, Rural Sociology
*Foote, Bruce — Professor, Music
*Foote, L. S. — Assistant Agricultural Engineer, USDA
*Fosler, G. M. — Instructor, Floriculture
Fox, James L. — Fox DeLuxe Foods, Inc., 1122 West Fulton, Chicago, Illinois
*Freeman, Mrs. Ruth C. — Assistant Professor, Home Economics
Friend, Lloyd — Manager, Prairie Farms Creameries, 43 East Ohio, Chicago 11, Illinois
Fruin, E. G. — Fruin Agricultural Service, 909 Broadway, Normal, Illinois
*Gard, L. E. — Assistant Professor, Agricultural Research
*Gardner, K. E. — Professor, Dairy Production
*Garrigus, U. S. — Associate Professor, Animal Science
Gehlbach, M. P. — Farm Bureau Farm Management Service, Route 3, Lincoln, Illinois
Gish, Roger — Do-Well Agricultural Service, 103½ North Neil, Champaign, Illinois
*Gordon, H. H. — Assistant State Leader of Farm Advisers
Graham, Mrs. James — Home Safety Chairman, Illinois Home Bureau Federation, Morrisonville, Illinois
*Graham, Robert — Dean, College of Veterinary Medicine
*Hackleman, J. C. — Professor, Crops Extension
*Haley, L. E. — Assistant, Agronomy
*Hamilton, T. S. — Professor, Animal Science
*Hamlin, H. M. — Professor, Agricultural Education
*Hauck, R. D. — Assistant, Agronomy
*Herreid, Ernest O. — Professor, Dairy Technology
*Herriott, W. L. — Creamery Man, Dairy Technology

Hettinger, Father Paul — St. Peter's Roman Catholic Church, Mendota, Illinois

Hicks, Mr. and Mrs. Reon D. — Farmer and Homemaker, Blandinsville, Illinois

***Hieronymus, T. A.** — Associate Professor, Agricultural Economics

Hill, J. E. — Director, Illinois State Board of Vocational Education, 1119 South Sixth, Springfield, Illinois

***Hinchcliff, K. H.** — Professor, Farm Structures Extension

***Hudelson, R. R.** — Dean, College of Agriculture, and Director, Agricultural Experiment Station and Extension Service

Huge, W. E. — Vice President, Central Soya Company, Decatur, Indiana

Hughes, Earl M. — Farmer, Woodstock, Illinois

Innis, Reverend Clarence H. — Congregational Church, Atwood, Illinois

***Jackobs, J. A.** — Associate Professor, Crop Production

***Johnson, P. E.** — Assistant Professor, Soil Fertility

***Johnston, P. E.** — Professor, Agricultural Economics

***Jones, J. Charles** — Assistant Professor, Home Economics

***Jones, Rudard A.** — Associate Professor, Architecture, and Assistant Director, Small Homes Council

***Jordan, G. L.** — Professor, Agricultural Economics

***Jugenheimer, R. W.** — Professor, Plant Genetics

***Kammlade, W. G.** — Associate Director, Extension Service

***Kamp, J. R.** — Associate Professor, Floriculture

***Kemmerer, H. R.** — Instructor, Landscape Gardening

Killion, Carl E. — Chief Apiary Inspector, Division of Apiaries, Paris, Illinois

Killion, Eugene E. — Honey Producer, Paris, Illinois

***King, Florence** — Associate Professor, Home Economics

***Kleiman, G. C.** — Extension Specialist, Fruit and Vegetable Marketing

***Kleis, R. W.** — Instructor, Agricultural Engineering

Klinefelter, Clarence — President, Taylorville Board of Education, Owaneco, Illinois

***Koehler, B.** — Professor, Crop Pathology

***Krebs, A. H.** — Assistant Professor, Agricultural Education

***Kyle, Leonard R.** — Extension Specialist, Farm Management

Labarthe, Jules — Senior Fellow, Mellon Institute of Industrial Research, University of Pittsburgh, Pittsburgh, Pennsylvania

***Lang, A. L.** — Professor, Soil Fertility

***Lehmann, E. W.** — Head, Department of Agricultural Engineering

Leigh, Lester E. — Chairman, Illinois Production and Marketing Administration, Room 232, Post Office, Springfield, Illinois

Leiker, Victor C. — Publisher, *Christopher Progress,* Christopher, Illinois

***Leng, E. R.** — Assistant Professor, Plant Genetics

***Linn, M. B.** — Professor, Plant Pathology

Lockard, Melvin C. — Banker and Polled Hereford Breeder, Cobden, Illinois

***Lott, R. V.** — Professor, Pomology

***Lyon, R. O.** — Assistant Professor, Agricultural 4-H Club Work

***Lytle, W. F.** — Instructor, Agricultural Engineering

MacNeill, Reverend Vernon — Executive Secretary, Illinois Church Council, First and Adams, Springfield, Illinois

***McCleary, Gordon** — Extension Safety Specialist

McCleery, Hugh — Farmer, Leland, Illinois

***McCollum, J. P.** — Associate Professor, Vegetable Crops

***McDaniel, J. C.** — Assistant Professor, Pomology

McLean, George — Publisher and Executive Editor, *Tupelo Journal,* Tupelo, Mississippi

McNabb, B. L. — Ellis Farm Management Service, 311 Citizens Bank Building, Decatur, Illinois

McWilliam, Mrs. Adam — President, Illinois Home Bureau Federation, Toulon, Illinois

McWilliams, A. L. — General Manager, Pure Milk Association, 608 South Dearborn, Chicago 5, Illinois

Mason, Judson P. — Director of Milk Marketing, Illinois Agricutural Association, 43 East Ohio, Chicago 11, Illinois

***Meek, W. L.** — First Assistant, Forestry

***Melsted, S. W.** — Associate Professor, Soil Fertility

***Miller, L. B.** — Assistant Professor, Soil Fertility

***Milum, V. G.** — Professor, Entomology

***Morey, Lloyd** — Acting President, University of Illinois

***Mueller, A. G.** — Assistant, Farm Management

Mueller, Reverend E. W. — Division American Missions, National Lutheran Council, 327 South LaSalle, Chicago, Illinois

***Muirheid, B. F.** — Instructor, Agricultural Engineering Extension

***Mutti, R. J.** — Associate Professor, Agricultural Economics

Nelson, Marvin — Beef Producer, Sheridan, Illinois

***Nelson, R. E.** — Associate Extension Forester

***Neumann, A. L.** — Associate Professor, Animal Science

Nonamaker, Fred — Executive Secretary, Associated Milk Dealers, Inc., 309 West Jackson Boulevard, Chicago, Illinois

***Norton, L. J.** — Professor, Agricultural Economics

***Oebker, N. F.** — Assistant Professor, Vegetable Crops

Oplinger, Mrs. Russell — Past President, Illinois Congress of Parents and Teachers, 152 Cobb Avenue, Decatur, Illinois

***Ordal, Z. John** — Associate Professor, Food Technology

O'Rourke, Father Edward W. — Director, Catholic Rural Life Conference, Diocese of Peoria, 604 East Armory, Champaign, Illinois

***Osler, R. D.** — Agronomist, USDA

Owens, Owen — Field Service Director, Rochester Dairy Cooperative, Rochester, Minnesota

Owens, Robert — Vice President, Roszell Dairy, Peoria, Illinois

Parett, Ivan E. — President, Illinois Rural Life Conference, 43 East Ohio, Chicago 11, Illinois

Paris, Jeanne — Director, Home Economics Department, The Kroger Food Foundation, 1212 State Avenue, Cincinnati 4, Ohio

***Parsons, A. R.** — Assistant, Animal Science

***Pendleton, J. W.** — First Assistant, Crop Production

Perkinson, Russell — Farmer, Buckley, Illinois

Peterson, Carl — President, Board of Education, Beecher, Illinois

***Petty, H. B.** — Assistant Professor, Entomology Extension

Peverly, Mr. and Mrs. Robert C. — Farmer and Homemaker, Clinton, Illinois

Pfister, Lester — Seed Producer, El Paso, Illinois

***Phipps, L. J.** — Associate Professor, Agricultural Education

***Pickard, G. E.** — Professor, Power and Machinery

***Pierce, H. H.** — Assistant, Animal Science

Plager, Carroll — Manager, Livestock Extension, George A. Hormel and Company, Austin, Minnesota

***Powell, Dwight** — Professor, Plant Pathology

*Ramser, J. H. — Associate, Agricultural Engineering
Reed, Alex — Assistant Professor, Department of Agriculture, Southern Illinois University, Carbondale, Illinois
*Regnier, E. H. — Extension Recreationist
*Reiss, F. J. — Assistant Professor, Agricultural Economics
*Ross, R. C. — Professor, Agricultural Economics
Rothe, Reverend Martin H. — Immanuel Lutheran Church, Charleston, Illinois
*Russel, D. A. — Assistant, Soil Fertility
*Russell, H. G. — Professor, Animal Science
*Russell, M. B. — Head, Department of Agronomy
*Rust, R. H. — First Assistant, Soil Physics
*Salisbury, G. W. — Head, Department of Dairy Science
*Sauer, E. L. — Project Supervisor, Economics of Conservation Research
*Schumaier, C. P. — Assistant, Agricultural Economics
*Scott, H. M. — Professor, Animal Science
*Scott, W. O. — Assistant Professor, Crop Extension
*Searl, Anna — Associate Professor, Home Economics
Severn, Curtis — Farmer, Bushnell, Illinois
*Shaul, Verrollton C. — Director, Illinois Rural Chorus
*Shawl, R. I. — Professor, Farm Machinery
*Simerl, L. H. — Extension Economist in Marketing
*Slife, F. W. — Assistant Professor, Agronomy
Smith, Mrs. Haven — First Vice President, Associated Women of American Farm Bureau Federation, Chappell, Nebraska
*Smith, Janice — Head, Department of Home Economics
*Spaeth, J. N. — Head, Department of Forestry
Spaulding, Russell — General Manager, Sanitary Milk Producers Association, 2208 Washington Avenue, St. Louis 3, Missouri
Spirrison, Mrs. Lewis — Dairyman, Crystal Lake, Illinois
*Staheli, D. L. — Assistant, Animal Science
Stephens, A. F. — General Agricultural Agent, Department of Agriculture and Forestry, Gulf, Mobile and Ohio Railroad, 721 Olive, St. Louis, Missouri
*Stevenson, F. J. — Instructor, Soil Biology
*Stice, L. F. — Extension Economist in Marketing
Stratton, William G. — Governor, State of Illinois
Strayer, George — American Soybean Association, Hudson, Iowa
*Stuart, Nellie — Assistant Professor, Music
*Suchman, J. Richard — Assistant Professor, Home Economics
*Sullivan, Catherine — Instructor, Home Management
*Sumption, M. R. — Head, Office of Field Services, College of Education
*Terrill, S. W. — Associate Professor, Animal Science
*Touchberry, R. W. — Assistant Professor, Dairy Cattle Genetics
*Tracy, P. H. — Professor, Dairy Technology
Tripp, Reverend Alfred L. — Director, Town and Country Work, Congregational-Christian Churches, 286 Fourth Avenue, New York 10, New York
Tucker, Reverend Duff — Presbyterian Church, USA, 110 Franklin, Mt. Sterling, Illinois
*Tyner, E. H. — Professor, Soil Fertility
*Van Arsdall, R. N. — Agricultural Economist, USDA
*VanDemark, N. L. — Associate Professor, Dairy Cattle Physiology
*Vertovec, Jean M. — Assistant, Home Economics

Vogel, Harold — Continental Grain Company, Merchants' Exchange Building, St. Louis, Missouri

Wagner, Reverend Hans L. — Route 1, Chester, Illinois

***Walker, Clareta** — Assistant Professor, Rural Youth

***Walters, C. S.** — Associate Professor, Forestry

Warfield, Mr. and Mrs. Ralph — Farmer and Homemaker, Gibson City, Illinois

***Webb, R. J.** — Superintendent, Dixon Springs Experiment Station, Robbs, Illinois

***Weber, J. A.** — First Assistant, Agricultural Engineering

***Weibel, R. O.** — Assistant Professor, Crop Production

***Weinard, F. F.** — Professor, Floriculture

Western, D. E. — The Quaker Oats Company, Merchandise Mart Plaza, Chicago 54, Illinois

Will, Roy — Director of Special Services, Illinois Agricutural Association, 43 East Ohio, Chicago 11, Illinois

***Williams, Sheldon W.** — Cooperative Agent, BAE, USDA

Wilson, Reverend George H. — First Christian Church, Box 457, Mackinaw, Illinois

Winn, Walter — President, Pure Milk Association, 608 South Dearborn, Chicago 5, Illinois

***Woodworth, C. M.** — Professor, Plant Genetics

***Working, E. J.** — Professor, Agricultural Economics

***Wright, J. M.** — Associate Entomologist, State Natural History Survey

***Yapp, W. W.** — Professor, Dairy Cattle Breeding

Zimmerman, G. S. — Teacher, Vocational Agriculture, Flora, Illinois

FARM AND HOME WEEK COMMITTEE

W. D. Murphy, chairman; H. W. Bean, D. E. Becker, Lulu Black, R. L. Hays, J. J. Jokela, B. A. Jones, Gertrude Kaiser, N. G. P. Krausz, J. K. McDermott, L. B. Miller, E. H. Regnier, R. K. Simons, Joseph Tobias, Jane Werden, G. T. Woods, Ruth Gorrell, secretary

EXHIBITS COMMITTEE

J. J. Jokela, chairman; R. C. Eaton, M. R. Hodgell, H. R. Kemmerer, L. R. Kyle, C. M. Linsley, Millicent Martin, A. N. Moeller, Parry Ragouzis, D. T. Schild, R. M. Whitney, G. T. Woods

SUNDAY EVENING COMMITTEE

W. W. Bauder, chairman; Margueritte Briggs, W. L. Burlison

USHERS COMMITTEE

R. H. Maier, chairman; C. B. Ammerman, H. P. Bateman, L. L. Bucy, G. R. Cunningham, T. W. Curtin, R. W. Hemken, O. H. Horton, Brice Kirtley, Samuel Lombard, Ed Melvin, D. A. Russell, Cliff Spotholz, B. B. Tucker, V. I. West, A. L. Young, Chester Zych

OPEN HOUSE COMMITTEE

N. G. P. Krausz and Helen D. Turner, co-chairmen; Fern Carl, G. R. Carlisle

MUSIC AND DRAMA FESTIVAL COMMITTEE

H. R. Brunnemeyer and E. H. Regnier, co-chairmen; G. R. Cunningham, C. L. Folse, W. H. Heneberry, R. W. Lawson, J. A. Murray, Clareta Walker

SQUARE AND FOLK DANCE COMMITTEE

E. H. Regnier, chairman; Ed Dalhaus, H. H. Gordon, G. C. Kleiman, R. W. Lawson, R. O. Lyon, C. P. Schumaier, K. Virginia Seidel, H. M. Smith, Clareta Walker, Roy Will

INFORMATION COMMITTEE

Jessie Heathman and J. K. McDermott, co-chairmen

RECREATION COMMITTEE

R. W. Lawson, chairman

REGISTRATION AND HOUSING COMMITTEE

O. L. Whalin, chairman; Margueritte Briggs, Elsie Ross Butler, W. F. Bulkley, L. R. Kyle, F. H. Mynard, Margaret Schrader, Marian M. Sympson

SIGNS COMMITTEE

B. A. Jones, chairman; H. L. Wakeland

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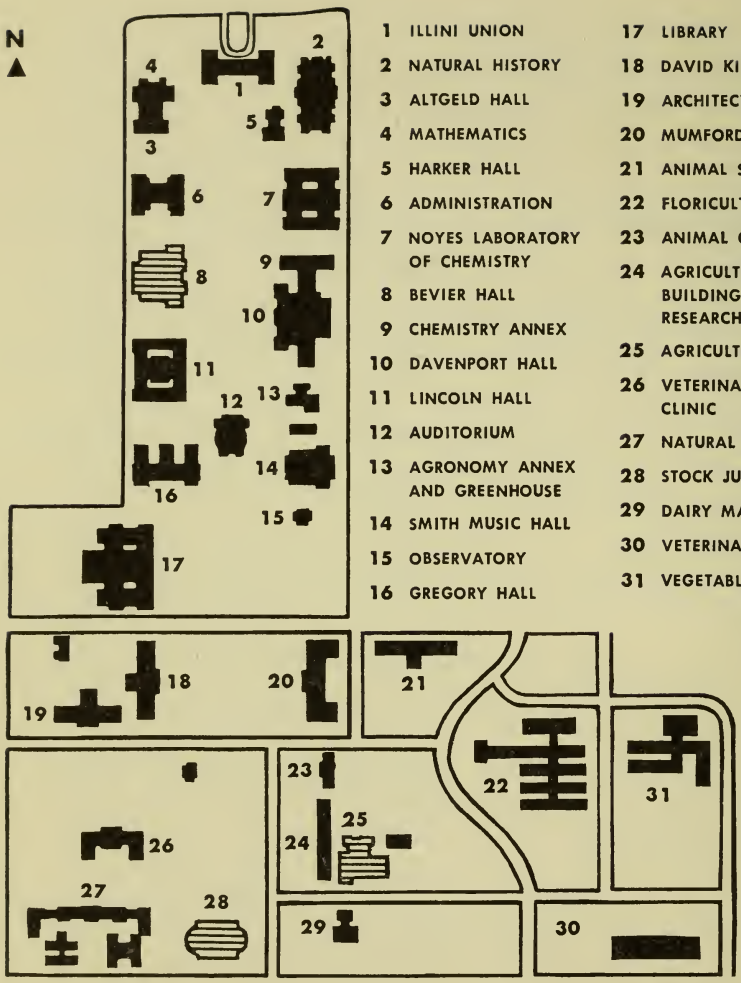

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3 ALTGELD HALL
4 MATHEMATICS
5 HARKER HALL
6 ADMINISTRATION
7 NOYES LABORATORY OF CHEMISTRY
8 BEVIER HALL
9 CHEMISTRY ANNEX
10 DAVENPORT HALL
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26 VETERINARY CLINIC
27 NATURAL RESOURCES
28 STOCK JUDGING PAVILION
29 DAIRY MANUFACTURES
30 VETERINARY MEDICINE
31 VEGETABLE CROPS BUILDING

Visit the Exhibits

Displays and demonstrations on Agriculture and Home Economics

at the STOCK PAVILION, Lower Gym of BEVIER HALL, and AGRICULTURAL ENGINEERING.

Monday	12:00-5:30 PM
Tuesday	9:00-5:30 PM
Wednesday	9:00-5:30 PM
Thursday	9:00-3:30 PM

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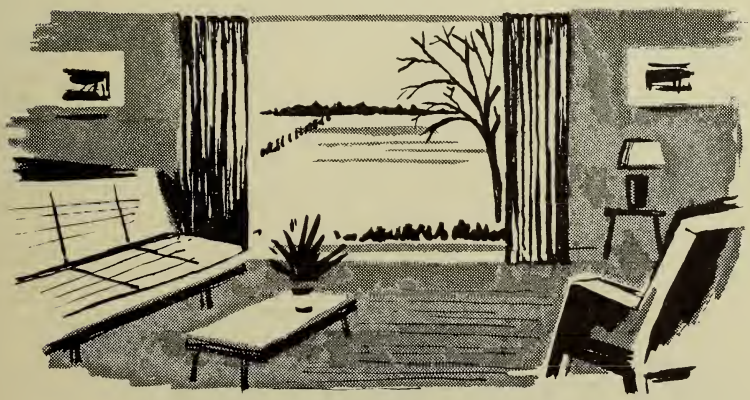
UNIVERSITY OF ILLINOIS **BULLETIN**

January 31-
February 3, 1955

FIFTY-FOURTH ANNUAL

FARM and HOME *week*

Better Farming — Better Living



COLLEGE OF AGRICULTURE UNIVERSITY OF ILLINOIS

Urbana, Illinois

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TO THE FARMERS AND HOMEMAKERS OF ILLINOIS

There is an old saying that seeing is believing. It may not always be true that seeing is believing, but we do know that seeing in addition to hearing adds zest, interest, and understanding to the learning process.

Farm and Home Week offers you an excellent opportunity to both see and hear — and sometimes to taste, touch, and smell — some of the latest developments arising from agricultural research.

We are in an exciting period for agriculture. Hundreds of new ideas are being conceived and tested. Many of them are eventually rejected as of little value, some are accepted for further trial, and quite a few will become the common practices of tomorrow. These we want you to see and to try out for yourself. We want your opinion on the applicability of these ideas to your home and to your farm. We have some of the best research talent in the nation in our own Agricultural Experiment Station, but the proof of any pudding is in the eating and in the end you are the official tasters. I am confident you will like the "samples" that our research workers have been developing during this past year.

For our whole staff I extend you a hearty welcome to the campus and wish for you an exciting and worth-while visit during this 1955 Farm and Home Week.

Louis B. Howard

LOUIS B. HOWARD
Dean and Director

Vol. 52, No. 33; December, 1954. Published seven times each month by the University of Illinois. Entered as second-class matter December 11, 1912, at the post office at Urbana, Illinois, under the Act of August 24, 1912. Office of Publication, 207 Administration Building, Urbana, Illinois.

INFORMATION FOR FARM AND HOME WEEK GUESTS

FIRE SAFETY REGULATIONS of the Board of Trustees of the University of Illinois require that all aisles and entrances in University buildings be kept clear. Although the Farm and Home Week Committee has attempted to provide large enough rooms for every meeting, there may be overflow crowds at some sessions. Since these regulations do not permit anyone to block the aisles or entrances, the College of Agriculture hopes guests will be prepared to select another session if a meeting has already been filled.

REGISTRATION headquarters will be maintained on the first floor, Main Lounge, Illini Union, from 3:00 p.m., January 30 through February 3; foyer of Auditorium and lobby Lincoln Hall, January 31 through February 2. Every visitor is urged to register. There is no charge.

MAPS of the campus and surrounding vicinity are available at the registration desks.

MEALS are served at the Illini Union. Colonial room: Sunday buffet 5:30 p.m.-7:00 p.m. Week days: lunch, 11:45 a.m.-1:30 p.m.; dinner, 5:45 p.m.-7:30 p.m. Cafeteria: breakfast, 7:00 a.m.-8:30 a.m.; lunch, 11:15 a.m.-1:15 p.m.; dinner, 5:15 p.m.-7:00 p.m. Lunches will be served in the Agricultural Engineering Building from 8:00 a.m. to 5:00 p.m. daily; Thursday, 8:00 a.m. to 3:00 p.m. There are also several restaurants near the campus.

ROOM ACCOMMODATIONS will be ample for all Farm and Home Week visitors. Accommodations will include the University Residence Halls for the entire period as follows: Busey-Evans and Lincoln Avenue Residence for women, Men's Halls and Parade Ground Units for men, and Lincoln Avenue Residence for couples. Rooms in private homes also will be available. Lists will be at the Registration Desks, Union Building and Auditorium. The rates will range from $2.50 to $3.50 per night per person depending on length of stay and whether single or double occupancy is desired. Rooms will be available by Sunday at 3:00 p.m. Rooms must be vacated by 12:00 noon on Thursday, February 4.

LOST AND FOUND articles should be reported or turned in to registration headquarters, Illini Union, Auditorium and Lincoln Hall.

ILLNESS OR ACCIDENTS should be reported promptly to the registration desk in the Illini Union. First Aid service will be rendered by the University Health Station, 807 South Wright Street, Champaign, telephone University Extension 421. After hours a doctor is on call at McKinley Hospital, Bell 7-1113.

PUBLICATIONS — Bulletins, circulars, and other printed information of the College of Agriculture are on display in the Illini Union. Cards are provided on which requests may be made for any of the publications.

FOR THOSE WHO CANNOT ATTEND

Arrangements have been made to broadcast as much of the Farm and Home Week program as possible over station W I L L, 580 on your radio dial. Features to be broadcast will be announced each day of Farm and Home Week at 8:45 a.m., and during the regular Farm and Home programs. Farm and Home Week features will be televised over WCIA, channel 3, during the week.

LEISURE-TIME CHOICES

BROWSING ROOM (First Floor, Illini Union) — Popular and timely books. 12:00 noon to 2:00 p.m.; 6:00 to 10:00 p.m., daily.

EXHIBITS — Lower Gym, Bevier Hall, Stock Pavilion, Agricultural Engineering Building, Agricultural Engineering Research Lab, Illini Union, and Auditorium. Demonstrations and displays on agriculture and home economics. Open Monday 12:00 noon to 5:30 p.m.; Tuesday and Wednesday 9:00 a.m. to 5:30 p.m.; Thursday 9:00 a.m. to 3:00 p.m.

Forestry demonstration 12:00 noon daily; 8:00 a.m. Tuesday through Thursday. Faculty and staff members will be present to answer questions.

ICE SKATING (Ice Rink) — Rented skates available; 7:30 p.m. to 10:00 p.m. daily. Admission charge.

MUSEUMS — Third and Fourth Floors, Natural History Building — Exhibits of plants, animals, mushrooms, semi-precious stones, and Indian relics from Illinois; 8:00 a.m. to 5:00 p.m. daily.

Fourth Floor, Lincoln Hall — Exhibits of European culture, sculpture, and other art objects, agricultural implements, clothing from ancient Egypt and other countries down to the present time. 1:00 to 5:00 p.m. Monday, Tuesday, Wednesday.

SOCIAL RECREATION — Upper Gym, Bevier Hall, 4:00 p.m. Monday, Tuesday, and Wednesday.

SOIL TESTING LABORATORY — 129 Davenport Hall. Exhibit of soil testing. 8:00 a.m. to 12:00 noon, and 1:00 to 5:00 p.m., daily.

SOUTH FARMS — Agronomy Seed House; beef cattle, dairy cattle, horses, poultry, sheep, and swine under experimental conditions, 8:00 a.m. to 5:00 p.m., daily.

SUNDAY, JANUARY 30

3:00-10:00 p.m. — Registration — Main Lobby Illini Union Building

EVENING

SMITH MUSIC HALL H. W. Bean, *presiding*

7:30 Rural chorus — Verrollton C. Shaul, director
8:15 Group singing — Verrollton C. Shaul, leader
8:30 Vespers

MONDAY, JANUARY 31

MORNING

RURAL YOUTH 100 Gregory Hall Clareta Walker and Bob Twyford, *presiding*

10:00 Registration, Songfest — Pat Schaudt
10:30 So Much From So Little, With Money Management
Keeping Records — Geo. B. Whitman
How "They" Used Their Money — Ruth C. Freeman
11:30 Adjourn

AGRICULTURAL POLICY Auditorium H. C. M. Case, *presiding*

10:00 Recent Changes in Agricultural Legislation — L. H. Simerl
10:20 How Will These Affect Illinois Agriculture in 1955?
Prices and Markets — L. J. Norton
Farming Plans — P. E. Johnston
11:00 Questions from Audience. Panel — P. E. Johnston, L. J. Norton, L. H. Simerl
11:30 Adjourn

HORTICULTURE 103 Mumford Hall J. R. Kamp, *presiding*

9:00 Arranging Flowers for Your Dining Table — J. R. Culbert
10:00 Trees for Your Home Grounds — H. R. Kemmerer
11:00 Fertilizing Your Lawn — F. F. Weinard
11:40 Adjourn

127 Mumford Hall J. C. McDaniel, *presiding*

10:00 How to Double the Strawberry Yield in Your Garden — A. S. Colby, Dwight Powell
11:00 New Varieties of Grapes for Your Garden — H. C. Barrett
11:40 Adjourn

128 Mumford Hall J. P. McCollum, *presiding*

10:00 More and Better Tomatoes From Your Garden — Cultural Practices — C. Y. Arnold

11:00 More and Better Tomatoes From Your Garden — Varieties and Disease Control — M. B. Linn, C. Y. Arnold
11:40 Adjourn

103 Floriculture Building

10:00 Conducted tour of Floriculture and Vegetable Greenhouses
11:45 4-H X-TRA CORN YIELD BANQUET Ballroom, Illini Union Sponsored by Illinois Farm Supply. Admission by invitation.

AFTERNOON

HOMEMAKERS' PROGRAM Lincoln Hall Theatre Lulu Black, *presiding*

1:00 Douglas County Chorus
Home Economics in the College of Agriculture — Louis B. Howard
You, Your Daughters and the University — Janice M. Smith
You and Your Job — Mrs. Richard Herm
3:00 General Session

RURAL YOUTH 100 Gregory Hall Clareta Walker and Rosie Nolan, *presiding*

1:00 Rural Youth Looks Ahead at Money Management During the Next 10 Years. Panel — Three Rural Youth Couples
3:00 General Session

DAIRY PROCESSING Dairy Manufactures Building

1:00 Conducted Tour Through Dairy Plant
3:00 General Session

HORTICULTURE 103 Mumford Hall F. F. Weinard, *presiding*

1:00 Plants in Your Home — G. M. Fosler
2:00 Perennial Flowers for Your Garden — J. R. Kamp
3:00 General Session

127 Mumford Hall J. C. McDaniel, *presiding*

1:00 How to Buy High Quality Fruits and Vegetables for Your Dining Table — R. V. Lott, N. F. Oebker
3:00 General Session

128 Mumford Hall W. A. Huelsen, *presiding*

1:00 More High Quality Sweet Corn From Your Garden — Cultural Practices and Varieties — C. Y. Arnold
2:00 More High Quality Sweet Corn From Your Garden — With or Without Worms — J. M. Wright
2:40 Adjourn
3:00 General Session

AGRICULTURAL OUTLOOK Auditorium L. J. Norton, *presiding*

1:00 The General Economic Situation — G. L. Jordan
Livestock — L. F. Stice
Grain — T. A. Hieronymus
Poultry and Eggs — E. E. Broadbent
Dairy — Roland W. Bartlett

2:00 Questions From Audience. Panel — Roland W. Bartlett, E. E. Broadbent, T. A. Hieronymus, G. L. Jordan, L. F. Stice

3:00 General Session

CROPS 112 Gregory Hall C. M. Woodworth, *presiding*

1:00 Oat Varieties — C. M. Brown
Wheat Varieties — R. O. Weibel
Weed Control in Soybeans — F. W. Slife
Dollard, a New Red Clover — J. A. Jackobs

2:00 Sorghum Grain and Forage — W. O. Scott
Sudan Grass Varieties — C. N. Hittle
Insect Outlook for 1955 — H. B. Petty

3:00 General Session

TREES FOR PLEASURE, PROFIT AND POSTERITY Stock Pavilion
J. N. Spaeth and T. W. Curtin, *presiding*

12:00 Forestry Exhibits and Discussion

3:00 General Session

4:30 Forestry Exhibits and Discussion

5:30 Adjourn

IRRIGATION 201 Agricultural Engineering B. A. Jones, *presiding*

1:00 Ground Water Sources — J. W. Foster

1:20 Legal Aspects — H. W. Hannah

1:50 Fertilizer Requirements and Yields — G. E. McKibben

2:15 Engineering the System — B. F. Muirheid

3:00 General Session

GENERAL SESSION Auditorium Janice M. Smith, *presiding*

3:00 Music

Thinkin' Tall — Dr. Kenneth McFarland, Educational Consultant and Lecturer for General Motors, Topeka, Kansas

For Leisure-Time Choices, see page 5

EXHIBITS

Lower Gym of Bevier Hall, Stock Pavilion, Agricultural Engineering Buildings, and the Illini Union.

EVENING

RURAL PASTORS' SHORT COURSE University Place Christian Church
William J. Boatman, *presiding*

†5:30 Annual Dinner
World Stewardship — Everett Mitchell

RURAL YOUTH Illini Union

†6:00 Banquet — Ballroom

FARM AND HOME WEEK OPEN HOUSE Illini Union

6:30-11:30 p.m.

For Your Entertainment
- Movies and colored slides
- Music
- Singing
- Mixers and dancing
- Cards and other games
- Exhibits and demonstrations
- Floor show — a variety of acts

And lots of lounging space to chat with your neighbors and University friends

Programs will be available at all entrances.

TUESDAY, FEBRUARY 1

MORNING

HOMEMAKERS' PROGRAM Lincoln Hall Theatre
Margaret Goodyear, *presiding*

9:00 Recent Findings in Food Research — Frances VanDuyne
Report of the Residence Hall Furnishings Study — Dorothy J. Iwig, Florence M. King
Family Problems Arising Out of Television and the Comics — Nellie L. Perkins

11:30 Adjourn

† Charge for admission.

ILLINOIS HOME BUREAU FEDERATION Smith Music Hall
Mrs. Milton Vaupel, *presiding*

8:30 Registration
9:00 Annual Meeting
†12:00 Federation Luncheon — Ballroom, Illini Union

Illinois Home Bureau Federation and Homemakers' program afternoon session, see page 12 Smith Music Hall

HORTICULTURE 114 David Kinley Hall J. R. Kamp, *presiding*

9:00 Arranging Flowers for Your Dining Table — J. R. Culbert
10:00 Trees for Your Home Grounds — H. R. Kemmerer
11:00 Fertilizing Your Lawn — F. F. Weinard
11:40 Adjourn

127 Mumford Hall J. C. McDaniel, *presiding*

10:00 How to Double the Strawberry Yield in Your Garden — A. S. Colby, Dwight Powell
11:00 New Varieties of Grapes for Your Garden — H. C. Barrett
11:40 Adjourn

128 Mumford Hall J. P. McCollum, *presiding*

10:00 More and Better Tomatoes From Your Garden — Cultural Practices and Varieties — C. Y. Arnold
11:00 More and Better Tomatoes From Your Garden — Varieties and Disease Control — M. B. Linn, C. Y. Arnold
11:40 Adjourn

103 Floriculture Building

10:00 Conducted tour of Floriculture and Vegetable Greenhouses

GRAIN MARKETING — CURRENT PROBLEMS 103 Mumford Hall
V. I. West, *presiding*

9:00 Grain Marketing in Southern Illinois — C. P. Schumaier
9:40 What Determines the Value of Soybeans — L. F. Stice
10:10 Problems We Face in Selling Soybeans — George M. Strayer
11:00 The Grain Price Outlook in 1955 — L. J. Norton
11:20 Discussion
11:30 Adjourn

RURAL PASTORS' SHORT COURSE 314(S) Illini Union
Martin H. Rothe, *presiding*

Responsibility of the Pastor, Church, and Community for Stewardship

8:00 Roman Catholic Mass
8:25 Morning Devotions
9:00 The Pastor — The Chief Steward — J. E. Herrmann

† Charge for admission.

9:30 Discussions
10:15 Summary — J. E. Herrmann
11:45 Adjourn

TRACTOR HOUR 201 Agricultural Engineering H. P. Bateman, *presiding*

9:00 Twenty Questions on Diesels and Diesel Fuels — G. E. Pickard
9:30 Second Chance — Experience with Torque Amplifier — J. A. Weber
10:00 Sixty-four Dollar Question — Fuel and Oil Dopes. Panel — R. I. Shawl, leader
10:30 Life Begins at Eighty — Longer Valve Life with Rotators — J. A. Weber
11:00 Breath of Life — Air Cleaner and Crankcase Breather Service — Wendell Bowers
11:30 Adjourn

AGRONOMY Auditorium

8:00 Question Box on Crops and Insects — A. W. Burger, leader

WHAT'S NEW IN LEGUMES AND GRASSES Auditorium
C. M. Linsley, *presiding*

9:00 Pasture Productivity Means Continuous Renovation — R. J. Webb
9:35 Legume and Grass Seed — Market and Supply — J. C. Hackleman
9:55 Emergency Seedings for Hay and Pasture — W. O. Scott
10:20 Hay Making — Hay Crushing and Mow Drying — R. W. Kleis
10:45 Pasture Irrigation — H. E. Cate
11:10 Cereal Crops for Silage — A. L. Neumann
11:30 Adjourn

TREES FOR PLEASURE, PROFIT AND POSTERITY Stock Pavilion
L. B. Culver and J. J. Jokela, *presiding*

8:00 Forestry Exhibits and Discussion
12:00 Adjourn

DAIRY MARKETING 135 Animal Sciences Laboratory Fred Shipley, *presiding*

9:00 Expanding Milk Sales in Schools Through Use of Vending Machines — Richard Cech
9:30 Illustrated Education Program for Promoting Use of Milk in Schools — Marie Harrington
10:00 Case Studies of How to Expand Use of Milk in Schools — Sheldon Williams
10:30 Bulk Tanks in Place of Milk Cans — Doyne York
11:00 Expanding Milk Sales Through Use of Large-Package Vending Machines — Max Lerner
11:30 Adjourn

LIBRARY
UNIVERSITY OF ILLINOIS

COLD STORAGE LOCKER PLANTS 100 Gregory Hall
F. N. McCollister, *presiding*

9:00 Welcome — Sleeter Bull
9:10 What It Means to Manage — Robert G. Seymour
10:30 Public Relations Problems in the Locker Industry — J. Raymond Miller
11:00 Offal Disposal in Locker Plants — Wayne Austin
11:30 Adjourn
†12:15 Locker Interests Luncheon — University Baptist Church, 807 South Fourth Street, Champaign

ILLINOIS FARM SPORTS FESTIVAL DANCE PRELIMINARIES Women's Gym

8:30 Registration, Lower Corridor, Virginia Seidel, presiding
South Room, Ed Dalhaus, R. O. Lyon, presiding
9:00 Rural Youth Square Dance Teams
Square Dance Bands
Judges — Lee Baldwin, Donnabelle Kirby, Jean McIntyre, John Marks
North Room, Roy Will, H. H. Gordon, presiding
9:00 Open Class Square Dance Teams
Open Class Folk Dance Teams
Rural Youth Folk Dance Teams
Judges — Hazel Iungerich, Mary McKee, F. L. McReynolds, Ty Thompson
11:00 Adjourn

AFTERNOON

HOMEMAKERS' PROGRAM AND ILLINOIS HOME BUREAU FEDERATION
Smith Music Hall Mrs. Milton Vaupel, *presiding*

1:30 The World — Your Doorstep — Mrs. Olive Remington Goldman
3:00 General Session

ILLINOIS FARM SPORTS FESTIVAL DANCE PRELIMINARIES Women's Gym

1:30 Conclude Rural Youth and Open Class Folk and Square Dance Preliminaries
3:00 General Session

TREES FOR PLEASURE, PROFIT AND POSTERITY Stock Pavilion
W. F. Bulkley and R. E. Nelson, *presiding*

12:00 Forestry Exhibits and Discussion
3:00 General Session
4:30 Forestry Exhibits and Discussion
5:30 Adjourn

† Charge for admission.

SOIL MOISTURE 112 Gregory Hall R. T. Odell, *presiding*

1:00 Tools for Measuring Soil Moisture — Moisture Reserves for 1955 — Arnold Klute

How Much Heat Can Plants Take — R. H. Hageman

2:00 Heat and Drouth Damage on 1954 Corn — Summary of a Survey in 16 Illinois Counties — M. B. Russell

Effect of Soil Type and Management on Water Relations — R. S. Stauffer

3:00 General Session

VETERINARY MEDICINE 150 Veterinary Medicine Robert Graham, *presiding*

1:15 Questions and Answers on Livestock Diseases. Panel — J. O. Alberts, P. D. Beamer, L. E. Boley, C. C. Morrill, Jesse Sampson

3:00 General Session

MACHINERY HOUR 201 Agricultural Engineering R. I. Shawl, *presiding*

1:00 Previews — New Developments in Corn Combining — G. E. Pickard

1:30 Make Up Your Mind — Selection of a Corn Dryer — J. H. Ramser

2:10 Strike It Rich — Machines for Seeding Legumes and Grasses — H. P. Bateman

2:30 Undercover Agents — Machines for Mulch Planted Corn — H. P. Bateman

3:00 General Session

DAIRY MARKETING 135 Animal Sciences Laboratory
A. W. Colebank, *presiding*

1:00 A Self-help Program for Supporting Milk Prices — Walter Winn, E. W. Tiedeman

2:00 Trade Barriers in the Dairy Industry — How to Break Them Down — Roland W. Bartlett

2:30 Discussion

3:00 General Session

LIVESTOCK RESEARCH TOPICS Lincoln Hall Theatre D. J. Bray, *presiding*

1:00 Alfalfa Meal — It Slows 'Em and Grows 'Em — H. M. Scott

1:20 Diethylstilbestrol in Fattening Rations for Ruminants — W. H. Hale

2:00 How Do You Like Your Pork Chops? — M. B. Kirtley

2:20 Demonstration — Radioactive Isotopes in Nutrition Research — B. Connor Johnson and others

2:40 Questions

3:00 General Session

FOOD PROCESSING South Wing Horticulture Field Laboratory (Orchard and Florida Avenue)

1:00 Conducted Tour through Processing Laboratory

3:00 General Session

HORTICULTURE 103 Floriculture F. F. Weinard, *presiding*

1:00 Plants in Your Home — G. M. Fosler

2:00 Perennial Flowers for Your Garden — J. R. Kamp

3:00 General Session

127 Mumford Hall J. C. McDaniel, *presiding*

1:00 How to Buy High Quality Fruits and Vegetables for Your Dining Table — R. V. Lott, N. F. Oebker

3:00 General Session

128 Mumford Hall W. A. Huelsen, *presiding*

1:00 More High Quality Sweet Corn From Your Garden — Cultural Practices and Varieties — C. Y. Arnold

2:00 More High Quality Sweet Corn From Your Garden — With or Without Worms — J. M. Wright

2:40 Adjourn

3:00 General Session

GRAIN MARKETING — Economic Problems in Storage 103 Mumford Hall R. J. Mutti, *presiding*

1:00 Availability of and Need for Storage Space in Illinois — T. A. Hieronymus

1:35 How Do We Use Our Storage Space. Panel—Clifford L. Denker, D. B. Gray, J. W. Huegely

2:15 Questions We Are Asked About the Warehouse Act — J. W. Spence

2:30 The Terminal Elevator as a Public Warehouse — Fred J. Watts, Jr.

3:00 General Session

RURAL PASTORS' SHORT COURSE 314(S) Illini Union Ralph Cummins, *presiding*

1:00 The Farmer as Steward

The Lord's Acre — Dumont Clarke

The Stewardship of the Tenant — E. G. Fruin

The Stewardship of the Landowner — Fred Meers

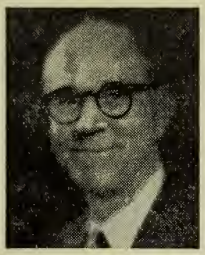
3:00 General Session

COLD STORAGE LOCKER PLANTS 100 Gregory Hall
Harold P. Echternach, *presiding*

1:30 New Developments and Techniques in Frozen Foods — A. I. Nelson
2:00 Question and Answer Period
3:00 General Session

GENERAL SESSION Auditorium R. T. Milner, *presiding*

3:00 Lecture-Demonstration — New Uses for Farm Products — Frank L. Teuton, Information Division, Agricultural Research Service, U. S. Department of Agriculture, Washington, D. C.



For Leisure-Time Choices, see page 5

EXHIBITS

Lower Gym of Bevier Hall, Stock Pavilion, Agricultural Engineering Buildings, and the Illini Union.

EVENING

STOCKMEN'S BANQUET Illini Union

†6:00 Ballroom — Tailor-Made Livestock — F. N. Andrews

ILLINOIS HOME BUREAU FEDERATION University YMCA

†6:00 Latzer Hall — Presidents' Dinner — For Past and Present County Home Bureau Presidents and Illinois Home Bureau Federation Advisory Board

RURAL PASTORS' SHORT COURSE 314(S) Illini Union

Denominational Meetings (to be announced)

WINTER FESTIVAL FOLK AND SQUARE DANCE JAMBOREE George Huff Gym
E. H. Regnier, *presiding*

7:00 Who's Your Dancing Neighbor?
7:30 Everybody Dance
8:30 Recognition in Rhythm
9:30 Folk Figures
10:00 Guest Callers
11:00 Good Night, Neighbor

† Charge for admission.

WEDNESDAY, FEBRUARY 2

MORNING

HOMEMAKERS' PROGRAM Lincoln Hall Theatre Glenna Lamkin, *presiding*

9:00 Your Voice — Severina Nelson
Use of Milk and Milk Products — Rita Dubois
11:30 Adjourn

FAMILY CAMP Faculty Lounge, Illini Union Clifford Roberts, *presiding*

10:00 Some Experiences, Plans, and Proposals for Family Camping in Illinois
11:30 Adjourn

HORTICULTURE 103 Mumford Hall J. R. Kamp, *presiding*

9:00 Arranging Flowers for Your Dining Table — J. R. Culbert
10:00 Trees for Your Home Grounds — H. R. Kemmerer
11:00 Fertilizing Your Lawn — F. F. Weinard
11:40 Adjourn

127 Mumford Hall J. C. McDaniel, *presiding*

10:00 How to Double the Strawberry Yield in your Garden — A. S. Colby, Dwight Powell
11:00 New Varieties of Grapes for Your Garden — H. C. Barrett
11:40 Adjourn

128 Mumford Hall J. P. McCollum, *presiding*

10:00 More and Better Tomatoes From Your Garden — Cultural Practices — C. Y. Arnold
11:00 More and Better Tomatoes From Your Garden — Varieties and Disease Control — M. B. Linn, C. Y. Arnold
11:40 Adjourn

103 Floriculture

10:00 Conducted Tour of Floriculture and Vegetable Greenhouses

ECONOMICS OF HARVESTING, DRYING, AND STORING SHELLED CORN
112 Gregory Hall J. E. Wills, *presiding*

9:00 Operating Field Shelling Equipment — G. E. Pickard
9:20 Economics of Artificial Drying — V. W. Davis
9:40 Suggestions for Operating Driers — F. W. Andrew
10:00 A Processor's Attitude Toward Artificially Dried Corn — Robert E. Greenfield
10:20 Storing Shelled Corn on the Farm — J. O. Curtis
10:40 Avoiding Bottlenecks in Harvesting — R. N. Van Arsdall
11:00 Summary of Costs and Benefits — J. E. Wills
Question Period
11:30 Adjourn

RURAL PASTORS' SHORT COURSE 314(S) Illini Union C. L. Folse, *presiding*

8:00 Roman Catholic Mass
8:45 Morning Devotions
9:00 Building Stewardship into Community Life — Silas J. Smucker
9:30 Discussion
10:15 Summary — Silas J. Smucker
11:45 Adjourn

PRACTICAL APPLICATIONS OF LIVESTOCK RESEARCH Stock Pavilion
R. Hollandbeck, *presiding*

9:00 Cutting the Cost of Feeder Cattle
Feeding Winter Pastures to Reduce Feeder Steer Investment — H. H. Pierce
Rations for Stocker Calves that Cheapen Them — E. G. Adams
Using Meadows and Stalkfields to Cut Costs of Feeder Steers — Fred Meers
Heavy Silage Feeding for Heavy Feeders — G. E. Mitchell
10:00 What's Good About a Meat-Type Hog? — Sleeter Bull, R. L. Coppersmith, A. H. Jensen, H. G. Russell
11:15 New Ideas in Lamb Feeding — J. M. Lewis
11:30 Questions
11:45 Adjourn

AGRONOMY Auditorium

8:00 Question Box on Legumes, Grasses, Soil Moisture — O. H. Sears, leader

CORN PRODUCTION Auditorium A. L. Lang, *presiding*

9:00 Commercial Variety Tests — J. W. Pendleton
Promising Experimental Hybrids — R. W. Jugenheimer
10:00 The Corn Plant — How It Develops — O. T. Bonnett
New Studies of Planting Rates — E. B. Earley
Soil Insecticides — J. H. Bigger
11:30 Adjourn

FARM BUILDING IMPROVEMENT 201 Agricultural Engineering
H. L. Wakeland, *presiding*

9:00 Horizontal Silos — Trench and Surface Types
Tilt-up Concrete and Treated Wood Construction — J. C. Campbell, C. A. Kincaid
10:00 Pole Buildings — Preservative Treatment for Poles and Planks. New Pole-Pier Foundation. Construction Requirements for Pole Frames — D. G. Carter, J. O. Curtis, C. S. Walters
11:00 Choices in Building Improvement Plans, Manufactured Buildings, Remodeling — D. G. Carter

MORE DAIRY PROFITS PER ACRE 135 Animal Sciences Laboratory
K. E. Gardner, *presiding*

9:30 Pasture Management — J. H. Byers
10:00 Roughage Preservation — K. A. Kendall
10:30 Efficiency in Feeding — R. E. Brown
11:00 Importance of Records — R. W. Touchberry
11:30 Adjourn

TREES FOR PLEASURE, PROFIT AND POSTERITY Stock Pavilion
R. W. Lorenz and R. E. Nelson, *presiding*

8:00 Forestry Exhibits and Discussion
12:00 Adjourn

MAN AND LAND PROBLEMS 100 Gregory Hall
George B. Whitman, *presiding*

9:00 Farming Opportunities and Tenure Arrangements for Beginning Farmers — Franklin J. Reiss
9:30 Discussion
10:00 Farm Leasing Problems As I See Them — J. B. Cunningham, Howard W. Greene, Delmar F. Wilken
11:00 High Land Prices — Causes and Consequences — Charles L. Stewart
11:30 Adjourn

CAMPING ASSOCIATIONS Illini Union

Southern Illinois
†7:15 Breakfast — Federal Room

Shaw-waw-nas-see
8:00 Faculty Lounge

Central Illinois
10:00 General Lounge

ILLINOIS HOME BUREAU FEDERATION Wesley Foundation Lounge

†9:00 Coffee Hour. Organization Discussion for County and Unit Home Bureau Officers

FFA FOUNDATION LUNCHEON Illini Union

†11:30 314(N)

AFTERNOON

HOMEMAKERS' PROGRAM Lincoln Hall Theatre Dorothy J. Iwig, *presiding*

1:30 Home Color Fashion Show — Margaret Hutchison, Color Stylist, The Martin-Senour Company, Chicago
3:00 General Session

† Charge for admission.

RURAL PASTORS' SHORT COURSE 314(S) Illini Union
Arnold H. Kaitschuk, *presiding*

1:00 Stewardship Challenges the Christian Farmer — R. R. Belter
3:00 General Session

FOOD TECHNOLOGY Dairy Manufactures Building S. L. Tuckey, *presiding*

1:00 Two-hour Demonstration — Use of Cheese in Cooking: Cheesecake, etc.
3:00 General Session

CURRENT LEGISLATION AFFECTING FARMERS 112 Gregory Hall
W. D. Buddemeier, *presiding*

1:00 Changes in the Federal Income Tax Law — R. C. Ross
1:30 Social Security and the Farmer — N. G. P. Krausz
2:15 Discussion and Question Period
3:00 General Session

AGRONOMY-AGRICULTURAL ENGINEERING Auditorium
J. C. Hackleman, *presiding*

New Tricks in Growing Corn — A Progress Report
1:00 Picture Story of Mulch Planter; Wide-Row Spacing; Cover Cropping; Michigan Minimum Tillage; Chemical Weed Control followed by:
2:00 Panel Discussion — H. B. Atkinson, H. P. Bateman, Donald Cook, J. A. Jackobs, R. J. Laible, S. W. Melsted, F. W. Slife
3:00 General Session

TREES FOR PLEASURE, PROFIT AND POSTERITY Stock Pavilion
C. S. Walters and R. G. Rennels, *presiding*

12:00 Forestry Exhibits and Discussion
3:00 General Session
4:30 Forestry Exhibits and Discussion
5:30 Adjourn

TAKE THE LIFT OUT OF DAIRYING 135 Animal Sciences Laboratory
G. W. Salisbury, *presiding*

1:00 Labor-Saving Devices — E. E. Ormiston
1:30 Bulk Handling of Milk — Arthur Meyer
2:00 Question Period
3:00 General Session

HOME PLANNING 201 Agricultural Engineering J. C. Campbell, *presiding*

1:00 Home Planning Methods — D. G. Carter
1:30 Water Supply Developments — R. M. Peart
1:50 Break
2:00 New Lighting Methods — Catherine M. Sullivan

2:25 Air Conditioning — F. W. Andrew
3:00 General Session

HORTICULTURE 103 Mumford Hall F. F. Weinard, *presiding*

1:00 Plants in Your Home — G. M. Fosler
2:00 Perennial Flowers for Your Garden — J. R. Kamp
3:00 General Session

127 Mumford Hall J. C. McDaniel, *presiding*

1:00 How to Buy High Quality Fruits and Vegetables for Your Dining Table — R. V. Lott, N. F. Oebker
3:00 General Session

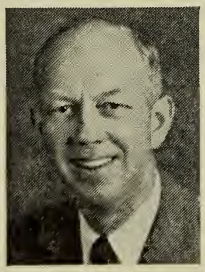
128 Mumford Hall W. A. Huelsen, *presiding*

1:00 More High Quality Sweet Corn From Your Garden — Cultural Practices and Varieties — C. Y. Arnold
2:00 More High Quality Sweet Corn From Your Garden — With or Without Worms — J. M. Wright
2:40 Adjourn
3:00 General Session

PRACTICAL APPLICATIONS OF LIVESTOCK RESEARCH Stock Pavilion
G. R. Carlisle, *presiding*

1:00 Production and Management Factors Influencing the Quality of Market Eggs — D. J. Bray
1:15 Getting the Most for Your Quality Poultry Products — E. E. Broadbent
1:30 Cutting the Cost of Feeder Cattle
Management Reducing Weight and Death Losses in Feeder Cattle — R. D. Hatch
Cutting Costs of Feeders by Buying Right — Lorin Clark
Effect of Level of Stocker Winter Gains Under Summer Performance — A. L. Neumann
2:15 Quality in Baby Chicks, What Is It? — R. C. Eaton
2:30 Questions
3:00 General Session

GENERAL SESSION Auditorium Roy K. Simons, *presiding*



3:00 Music
Agricultural Research and Education — 1955 Model — Louis B. Howard, Dean, College of Agriculture

For Leisure-Time Choices, see page 5

EXHIBITS

Lower Gym of Bevier Hall, Stock Pavilion, Agricultural Engineering Buildings, and the Illini Union.

EVENING

SEARS ROEBUCK SCHOLARSHIP ALUMNI BANQUET Illini Union

†6:00 314(N) Admission by invitation

ILLINOIS CROP IMPROVEMENT ASSOCIATION Illini Union

†6:30 Annual Banquet — Ballroom

ILLINOIS FARM ELECTRIFICATION COUNCIL MEETING Illini Union

†6:30 Dinner Cafeteria — Gothic Room

7:30 Faculty Lounge

ILLINOIS RURAL MUSIC AND DRAMA FESTIVAL Auditorium

†8:00 Stage productions of selected one-act plays and music features from the 1954-55 county and district festivals

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THURSDAY, FEBRUARY 3

MORNING

HOMEMAKERS' PROGRAM Lincoln Hall Theatre Helen D. Turner, *presiding*

9:00 India As I Saw It — Florence Kimmelshue
World Trade As It Affects Our Standard of Living — J. C. Hackleman, Howard E. Shuman, L. H. Simerl

11:30 Adjourn

AGRONOMY 112 Gregory Hall

8:00 Question Box on Corn Production — E. H. Tyner, leader

RESEARCH REVUE 112 Gregory Hall M. B. Russell, *presiding*

9:00 "Mighty Chondria" — Can We Breed for Enzyme Efficiency? — J. B. Hanson
"Bottoms Up" — Deep Plowing Pros and Cons — P. E. Johnson
"How Dry I Am" — Moisture Removals by Crops — R. E. Danielson
"Let There Be Light" — Shading in the Cornfield — R. J. Miller
"Acres of Bubbles" — Effect of Surfactants (Detergents) on Plant Growth — E. C. Spurrier
"Let Us Spray" — Research Methods in Weed Control for Soybeans — R. J. Smith

11:30 Adjourn

† Charge for admission.

FORAGE HANDLING EQUIPMENT AND METHODS 201 Agricultural Engineering
R. W. Kleis, *presiding*

9:00 New Silo Filling Methods — Elevators and Distributors — P. A. Konneker
9:30 New Developments in Silo Unloaders — R. M. Peart
9:50 Break
10:00 Mechanical Feeding Equipment to Fit Various Situations — F. W. Andrew
10:30 Double Your Hay Value — K. A. Kendall
11:00 Experiences with Equipment Discussed — Illinois Farmers
11:30 Adjourn

CONFERENCE OF ADVISORY COMMITTEES FOR AGRICULTURAL EDUCATION IN THE PUBLIC SCHOOLS 100 Gregory Hall

10:00 How Citizen Participation Has Helped Our Schools — H. S. Littlepage, Theodore C. Rammelkamp, Harold D. Ross, Tilman R. Smith
10:45 How Citizens Can Help Boards of Education — Edward M. Tuttle
11:30 Adjourn

PLANNING LIVESTOCK AND CROPPING SYSTEMS IN THE LIVESTOCK AREA
Smith Music Hall P. E. Johnston, *presiding*

9:00 Introductory Remarks — P. E. Johnston
9:10 Selecting Livestock and Cropping Systems for Level Land — E. R. Swanson
9:40 Selecting Livestock and Cropping Systems for Moderately Sloping Land — G. A. Peterson
10:10 Panel — Speakers and Two Farm Operators from the Livestock Area
10:40 Discussion and Question Period
11:30 Adjourn

TREES FOR PLEASURE, PROFIT AND POSTERITY Stock Pavilion
J. N. Spaeth and J. J. Jokela, *presiding*

8:00 Forestry Exhibits and Discussion
12:00 Adjourn

CAMPING ASSOCIATIONS Illini Union

White Eagle
†7:15 Breakfast — Federal Room
Shaubena
8:00 Faculty Lounge

LEISURECRAFT AND COUNSELING CAMP COMMITTEE
10:00 211 Illini Union

† Charge for admission.

ILLINOIS TURKEY GROWERS' ASSOCIATION 135 Animal Sciences Laboratory

10:00 Meeting
5:00 Adjourn
†6:30 Banquet — Latzer Hall, University YMCA

NOON

FARM MANAGEMENT LUNCHEON Ballroom, Illini Union

†11:45 Luncheon, Entertainment
12:45 You, Your Farm, and Uncle Sam — J. Carroll Bottum

AFTERNOON

CONFERENCE OF ADVISORY COMMITTEES FOR AGRICULTURAL EDUCATION IN THE PUBLIC SCHOOLS Gregory Hall

All sessions begin at 1:30 p.m.

Organizing Committees for Agricultural Education and Conducting Newly Organized Committees — J. N. Weiss — Room 215

Yearly Programs and Activities of Established Committees for Agricultural Education — H. F. Engelking — Room 100

Committee Participation in Planning Programs for High School Boys — A. H. Krebs — Room 217

Committee Participation in F.F.A. Affairs — V. E. Burgener — Room 219

Committee Participation in Planning Programs for Young Farmers and Their Wives — George W. Doak — Room 221

Committee Participation in Planning Programs for Adult Farmers — L. J. Phipps — Room 213

Committee Participation in Organizing and Conducting On-Farm Instruction for High School Boys, Young Farmers, and Adult Farmers — G. P. Deyoe — Room 311

Committee Participation in Community Studies to Determine Needs for Agricultural Education — Paul E. Hemp — Room 321

Committee Participation in Planning Buildings for Agricultural Education — H. R. Damisch — Room 329

Determining and Serving the Public Interest in Public School Education in Agriculture — H. M. Hamlin — Room 331

TREES FOR PLEASURE, PROFIT AND POSTERITY Stock Pavilion
L. B. Culver and T. W. Curtin, *presiding*

12:30 Forestry Exhibits and Discussion

EVENING

ILLINOIS SOCIETY OF FARM MANAGERS AND RURAL APPRAISERS Illini Union

†6:30 Dinner — Cafeteria
7:30 314(N)

† Charge for admission.

FRIDAY, FEBRUARY 4

ILLINOIS SOCIETY OF FARM MANAGERS AND RURAL APPRAISERS Illini Union

8:30 a.m. 314 (S)

†11:45 Luncheon 314(N)

SPECIAL EVENTS, LUNCHEONS, AND BANQUETS

SUNDAY, JANUARY 30

7:30 p.m. SUNDAY EVENING PROGRAM Smith Music Hall

MONDAY, JANUARY 31

11:45 a.m. 4-H X-TRA CORN YIELD BANQUET Ballroom, Illini Union. Sponsored by Illinois Farm Supply. Admission by invitation.

†5:30 p.m. RURAL PASTORS' SHORT COURSE ANNUAL DINNER University Place Christian Church

†6:00 p.m. RURAL YOUTH BANQUET Ballroom, Illini Union

6:30 p.m. FARM AND HOME WEEK OPEN HOUSE Illini Union

TUESDAY, FEBRUARY 1

8:30 a.m. ILLINOIS HOME BUREAU FEDERATION ANNUAL MEETING Smith Music Hall

†12:00 noon ILLINOIS HOME BUREAU FEDERATION LUNCHEON Ballroom, Illini Union

†12:15 p.m. LOCKER INTERESTS LUNCHEON University Baptist Church

†6:00 p.m. STOCKMEN'S BANQUET Ballroom, Illini Union

†6:00 p.m. ILLINOIS HOME BUREAU FEDERATION PRESIDENTS' DINNER Latzer Hall, University YMCA

7:00 p.m. WINTER FESTIVAL George Huff Gym

WEDNESDAY, FEBRUARY 2

†7:15 a.m. SOUTHERN ILLINOIS CAMPING ASSOCIATION Breakfast Federal Room, Illini Union

8:00 a.m. SHAW-WAW-NAS-SEE CAMPING ASSOCIATION Faculty Lounge, Illini Union

†9:00 a.m. ILLINOIS HOME BUREAU FEDERATION Coffee Hour Wesley Foundation Lounge

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† Charge for admission.

10:00 a.m. CENTRAL ILLINOIS CAMPING ASSOCIATION General Lounge, Illini Union

†11:30 a.m. FFA FOUNDATION LUNCHEON 314(N) Illini Union

†6:00 p.m. SEARS ROEBUCK SCHOLARSHIP ALUMNI BANQUET 314(N) Illini Union. Admission by invitation.

†6:30 p.m. ILLINOIS CROP IMPROVEMENT ASSOCIATION ANNUAL BANQUET Ballroom, Illini Union

†6:30 p.m. ILLINOIS FARM ELECTRIFICATION COUNCIL DINNER Cafeteria, Gothic Room, Illini Union

7:30 p.m. Meeting Faculty Lounge, Illini Union

†8:00 p.m. ILLINOIS RURAL MUSIC AND DRAMA FESTIVAL Auditorium

THURSDAY, FEBRUARY 3

†7:15 a.m. WHITE EAGLE CAMPING ASSOCIATION Breakfast Federal Room, Illini Union

8:00 a.m. SHAUBENA CAMPING ASSOCIATION Faculty Lounge, Illini Union

10:00 a.m. LEISURECRAFT AND COUNSELING CAMP COMMITTEE 211 Illini Union

10:00 a.m. ILLINOIS TURKEY GROWERS' ASSOCIATION MEETING 135 Animal Sciences Laboratory

1:00 p.m. STATE CAMPING COMMITTEE 424 Mumford Hall

†6:30 p.m. Banquet Latzer Hall, University YMCA

†11:45 a.m. FARM MANAGEMENT LUNCHEON Ballroom, Illini Union

†6:30 p.m. ILLINOIS SOCIETY OF FARM MANAGERS AND RURAL APPRAISERS Dinner Cafeteria, Illini Union

7:30 p.m. 314(N) Illini Union

FRIDAY, FEBRUARY 4

8:30 a.m. ILLINOIS SOCIETY OF FARM MANAGERS AND RURAL APPRAISERS 314(S) Illini Union

†11:45 a.m. Luncheon 314(N) Illini Union

† Charge for admission.

IDENTIFICATION OF SPEAKERS

*Adams, E. G. — Assistant, Animal Science
*Alberts, J. O. — Head, Department of Veterinary Pathology and Hygiene
*Andrew, F. W. — Assistant Professor, Agricultural Engineering Extension
Andrews, F. N. — Professor, Department of Animal Husbandry, Purdue University, Lafayette, Indiana
*Arnold, C. Y. — Associate Professor, Vegetable Crops
Atkinson, H. B. — U. S. Soil Conservation Service, Elwood, Illinois
Austin, Wayne — Locker Operator, Atwood, Illinois
Baldwin, Lee — Musical Director, WLS, 1230 Washington, Chicago 7, Illinois
*Barrett, H. C.—First Assistant, Horticulture
*Bartlett, Roland W. — Professor, Agricultural Economics
*Bateman, H. P. — Associate, Agricultural Engineering
*Beamer, P. D. — Professor, Veterinary Pathology and Hygiene
*Bean, H. W. — Assistant Director, Extension Service
Belter, Reverend R. R. — United Lutheran Church, 1941 Sunnyside Avenue, Burlington, Iowa
*Bigger, J. H. — Entomologist, State Natural History Survey
*Black, Lulu S. — Associate Professor, Home Economics
Boatman, Reverend William J. — First Lutheran Church, Murphysboro, Illinois
*Boley, L. E. — Head, Department of Veterinary Clinical Medicine
*Bonnett, O. T. — Professor, Plant Genetics
Bottum, J. Carroll — Assistant Head, Department of Agricultural Economics, Purdue University, Lafayette, Indiana
*Bowers, Wendell — Extension Specialist, Farm Power and Machinery
*Bray, D. J. — Extension Poultryman, Animal Science
*Broadbent, E. E. — Extension Specialist, Agricultural Marketing
*Brown, C. M. — First Assistant, Agronomy
*Brown, R. E. — Assistant Professor, Dairy Science
*Buddemeier, W. D. — Associate Professor, Agricultural Economics
*Bulkley, W. F. — Associate Extension Forester
*Bull, Sleeter — Professor, Animal Science
Burgener, V. E. — Supervisor, Agricultural Education, Illinois State Board of Vocational Education, 1119 South Sixth Street, Springfield, Illinois
*Burger, A. W. — Assistant Professor, Agronomy
*Byers, J. H. — Assistant Professor, Dairy Science
*Campbell, J. C. — Extension Agricultural Engineer
*Carlisle, G. R. — Associate Professor, Animal Science Extension
*Carter, Deane G. — Professor, Farm Structures
*Case, H. C. M. — Head, Department of Agricultural Economics
*Cate, H. A. — First Assistant, Agricultural Engineering and Extension, Dixon Springs Experiment Station, Robbs, Illinois
Cech, Richard — Director, Public Relations, Pure Milk Association, 608 South Dearborn, Chicago
Clark, Lorin — Homer, Illinois
Clarke, Reverend Dumont — Religious Work Director, The Farmers' Federation, Asheville, North Carolina
*Colby, A. S. — Professor, Pomology
Colebank, A. W. — Milk Market Administrator, 73 West Monroe, Chicago, Illinois

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* Staff members, University of Illinois

Cook, Donald — Director, Plant Food Services, Illinois Farm Supply Company, 100 East Ohio, Chicago 11, Illinois

***Coppersmith, R. L.** — Extension Economist, Livestock Marketing

***Culbert, J. R.** — Assistant Professor, Floriculture

***Culver, L. B.** — Extension Forester

Cummins, Reverend Ralph — General Presbyter, Illinois Synod, Presbyterian Church, USA, 809 South Fifth, Champaign, Illinois

***Cunningham, J. B.** — Associate Professor, Farm Management Extension

***Curtin, T. W.** — Assistant, Forestry

***Curtis, J. O.** — Assistant Professor, Agricultural Engineering

Dalhaus, Ed — Director, Young Peoples Activities, Illinois Agricultural Association, 43 East Ohio, Chicago 11, Illinois

Damisch, H. R. — Supervisor, Agricultural Education, Illinois State Board of Vocational Education, Hampshire, Illinois

***Danielson, R. E.** — Assistant, Agronomy

***Davis, V. W.** — Assistant, Agricultural Economics

Denker, Clifford L. — Weston Grain Company Cooperative, Weston, Illinois

***Deyoe, G. P.** — Professor, Agricultural Education

Doak, George W. — Supervisor, Agricultural Education, Illinois State Board of Vocational Education, Metamora, Illinois

Dubois, Rita — Regional Food Marketing Specialist, Consumer Education and Marketing Information Branch, United States Department of Agriculture, Washington 25, D. C.

***Earley, E. B.** — Associate Professor, Soil Fertility

***Eaton, R. C.** — Instructor, Animal Science

Echternach, Harold P. — Secretary-Manager, Illinois Food Locker Division, 105 West Monroe Street, Chicago, Illinois

Engelking, H. F. — Supervisor, Agricultural Education, Illinois State Board of Vocational Education, Gibson City, Illinois

***Folse, C. L.** — Associate Professor, Rural Sociology

***Fosler, G. M.** — Instructor, Floriculture

***Foster, J. W.** — Assistant Geologist, State Geological Survey

***Freeman, Mrs. Ruth Crawford** — Assistant Professor, Home Economics

Fruin, E. G. — Fruin Agricultural Service, 909 Broadway, Normal, Illinois

***Gardner, K. E.** — Professor, Dairy Production

Goldman, Mrs. Olive Remington — United States Delegate to United Nations, 203 West Michigan, Urbana, Illinois

***Goodyear, Margaret** — Associate Professor, Home Economics

***Gordon, H. H.** — Assistant State Leader, Farm Advisers

***Graham, Robert** — Dean, College of Veterinary Medicine

Gray, D. B. — D. B. Gray Farmers Elevator Company, Hull, Illinois

Greene, Howard W. — Greene Farm Management Service, Peoria 2, Illinois

Greenfield, Robert E. — A. E. Staley Manufacturing Company, Decatur, Illinois

***Hackleman, J. C.** — Professor, Crops Extension

***Hageman, R. H.** — Assistant Professor, Agronomy

Hale, W. H. — Assistant Professor, Animal Husbandry Department, Iowa State College, Ames, Iowa

***Hamilton, T. S.** — Associate Director, Agricultural Experiment Station

***Hamlin, H. M.** — Professor, Agricultural Education

***Hannah, H. W.** — Associate Dean, College of Agriculture

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* Staff members, University of Illinois

*Hanson, J. B. — Assistant Professor, Agronomy

Harrington, Marie — Educational Director, St. Louis Dairy Council, 4030 Chouteau Avenue, St. Louis, Missouri.

*Hatch, R. D. — Associate Professor, Veterinary Clinical Medicine

*Hemp, Paul E. — Assistant, Agricultural Education

Herm, Mrs. Richard — Homemaker, Vice President, Illinois Home Economics Association, Washington, Illinois

Herrmann, Reverend J. E. — Stewardship Counselor, Lutheran Church, Missouri Synod, 210 North Broadway, St. Louis, Missouri

*Hieronymus, T. A. — Associate Professor, Agricultural Economics

*Hittle, C. N. — Assistant Professor, Plant Genetics

*Hollandbeck, R. — Instructor, Animal Science

*Howard, Louis B. — Dean and Director, College of Agriculture

Huegely, J. W. — Huegely Grain Company, Nashville, Illinois

*Huelsen, W. A. — Professor, Vegetable Crops

Hutchison, Margaret — Color Stylist, The Martin-Senour Company, 2520 South Quarry Street, Chicago 8, Illinois

Iungerich, Hazel — Superintendent, Champaign Playground and Recreation Department, Champaign, Illinois

*Iwig, Dorothy J. — Associate Professor, Home Furnishings

*Jackobs, J. A. — Associate Professor, Crop Production

*Jensen, A. H. — Assistant Professor, Animal Science

*Johnson, B. Connor — Professor, Animal Nutrition

*Johnson, P. E. — Assistant Professor, Soil Fertility

*Johnston, P. E. — Professor, Agricultural Economics

*Jokela, J. J. — First Assistant, Forestry

*Jones, B. A. — Instructor, Agricultural Engineering

*Jordan, G. L. — Professor, Agricultural Economics

*Jugenheimer, R. W. — Professor, Plant Genetics

Kaitschuck, Reverend Arnold H. — St. Luke Lutheran Church, Campbell Hill, Illinois

*Kammlade, W. G. — Associate Director, Extension Service

*Kamp, J. R. — Associate Professor, Floriculture

*Kemmerer, H. R. — Instructor, Landscape Gardening

*Kendall, K. A. — Associate Professor, Dairy Production

*Kimmelshue, Florence A. — Assistant Professor, Home Economics

Kincaid, C. A. — Field Engineer, Portland Cement Company, 510 South Chicago, Champaign, Illinois

*King, Florence M. — Associate Professor, Home Economics

Kirby, Mrs. Donnabelle — Instructor, Physical Education, Champaign Public Schools, Champaign, Illinois

*Kirtley, M. B. — Assistant, Agricultural Economics

*Kleis, R. W. — Assistant Professor, Agricultural Engineering

*Klute, Arnold — Assistant Professor, Soil Physics

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York, Doyne — Manager, Producers Dairy, Danville, Illinois

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SIGNS COMMITTEE

C. S. Walters, chairman; B. A. Jones

GENERAL SESSIONS COMMITTEE

H. W. Bean, chairman; N. G. P. Krausz, Jane Werden

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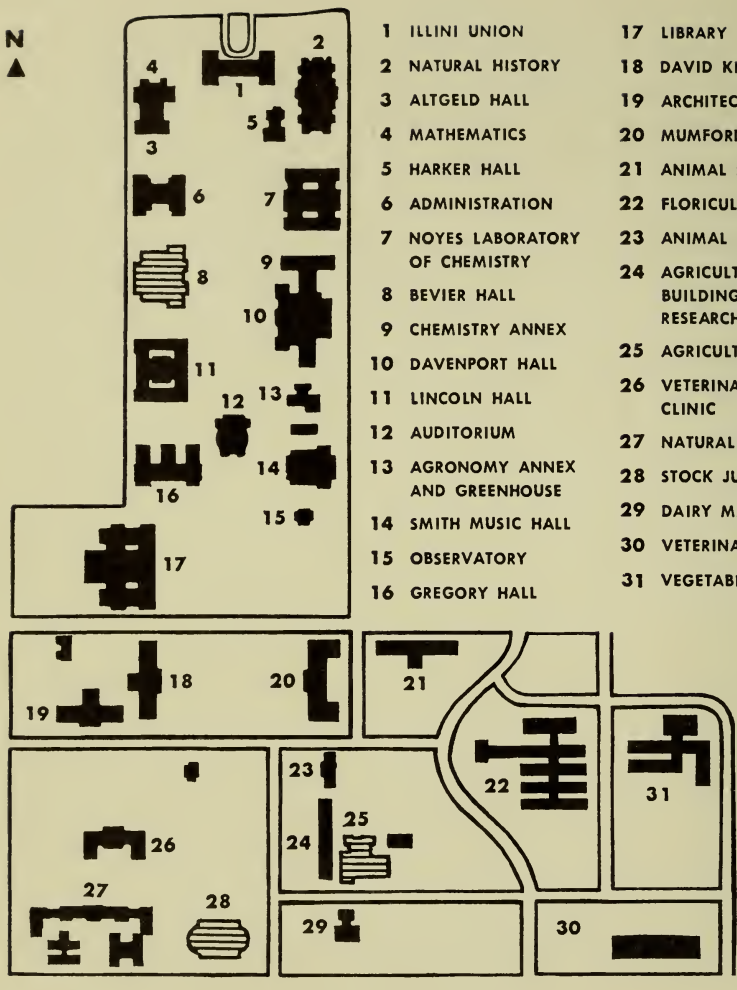

1 ILLINI UNION
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3 ALTGELD HALL
4 MATHEMATICS
5 HARKER HALL
6 ADMINISTRATION
7 NOYES LABORATORY OF CHEMISTRY
8 BEVIER HALL
9 CHEMISTRY ANNEX
10 DAVENPORT HALL
11 LINCOLN HALL
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23 ANIMAL GENETICS
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25 AGRICULTURAL ENGINEERING
26 VETERINARY CLINIC
27 NATURAL RESOURCES
28 STOCK JUDGING PAVILION
29 DAIRY MANUFACTURES
30 VETERINARY MEDICINE
31 VEGETABLE CROPS BUILDING

Visit the Exhibits

Displays and demonstrations on Agriculture and Home Economics

at the STOCK PAVILION, Lower Gym of BEVIER HALL, AGRICULTURAL ENGINEERING BUILDINGS, and AUDITORIUM.

Monday	12:00-5:30 PM
Tuesday	9:00-5:30 PM
Wednesday	9:00-5:30 PM
Thursday	9:00-3:00 PM

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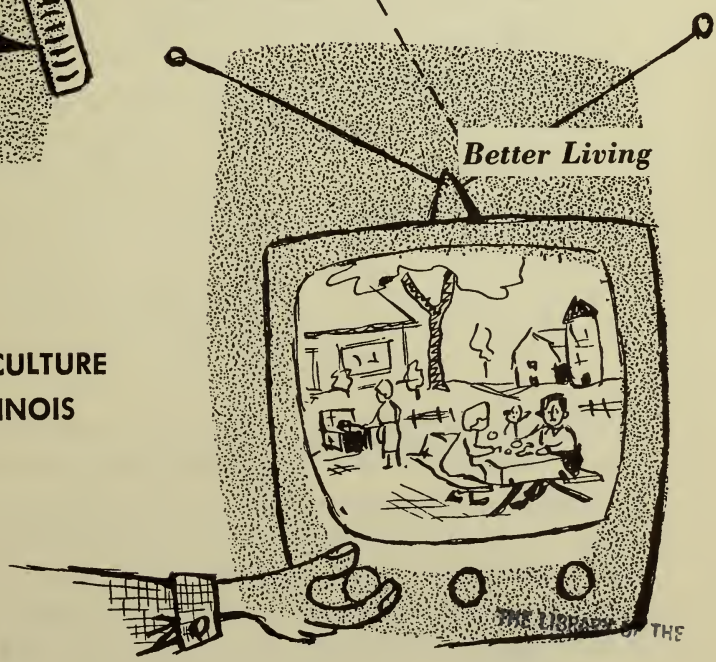
UNIVERSITY OF ILLINOIS

BULLETIN

FIFTY-FIFTH ANNUAL

FARM and HOME week

January 29 - February 2, 1956



COLLEGE OF AGRICULTURE
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LOST AND FOUND articles should be reported or turned in to registration headquarters, Illini Union, Auditorium and Lincoln Hall.

ILLNESS OR ACCIDENTS should be reported promptly to the registration desk in the Illini Union. First Aid service will be rendered by the University Health Station, 807 South Wright Street, Champaign, telephone University Extension 421. After hours a doctor is on call at McKinley Hospital, Bell 7-1113.

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TO THE FARMERS AND HOMEMAKERS OF ILLINOIS

Change is the essence of life. To no one is this statement more obviously true than to farm people who see about them the marvelous changes that take place with each turn of the season. Nevertheless, there is a natural tendency to resist change, a sort of human inertia that requires a real effort to overcome. It is good that we do resist some changes — changes which would lead us in directions that make for unsound farm practices or unhappy ways of living. On the other hand, a stubborn, uninformed resistance to all kinds of change will very quickly leave us behind as the course of progress leads others ahead.

Research is a prime mover in accomplishing changes in all phases of our life. The late beloved Dean H. P. Rusk once said, "Research is the powerhouse from which tremendous progress flows." Education might be likened to the distributing system that carries this potential progress to the people.

During this past year, the research work of our Agricultural Experiment Station has brought to light many new and important facts about our soils and how best to conserve and improve them, about the cultivation and use of better varieties of field crops, about horticultural crops, and about breeding and feeding farm animals. Farm machinery, mechanized operations on the farmstead, new types of farm structures, the processing of farm commodities, and farm management and marketing also have been the subjects of productive study. The many activities which center about the home have had a great deal of attention, and numerous ideas for changes which will make home life more happy, more satisfying, and less arduous have been developed.

I am sure that you want to become better acquainted with these new developments, with new ideas which may point the way to changes you would like to try yourself. Farm and Home Week offers you the opportunity and, for our whole staff, I extend you a most hearty welcome. Stay for the whole period if you can, but at least take in some of the sessions. I look forward to your visit.

Louis B. Howard

LOUIS B. HOWARD
Dean and Director
College of Agriculture

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EXHIBITS AND DEMONSTRATIONS

BEVIER HALL — Lower Gym

Does Light Limit Corn Production?
Better Varieties of Forage Grasses and Legumes
Identification of Weeds
Soil Structures — There are Crystals in Your Soil Too
Introducing Mr. Humus and His Black Magic
Control of Garden, Lawn, and Orchard Pests
Tips on Selecting Drawer Cabinets
Primitive and Modern Equipment for the Home
Equipment for the Nursery Child
Careers for Graduates in Agriculture and Home Economics
Ways of Meeting the Farm-Cost Squeeze
Inheritance and Tax Laws
How Water Content Affects the Value of Corn
Crafts and Games for Clubs and Groups
4-H X-tra Corn Yield Exhibit

STOCK PAVILION

Easy Ways to Move Feed
New Corn Combines
Livestock Feeding and Management
Diseases of Farm Animals
Certified Seed Exhibit
Water for Trees and Trees for Water

MUMFORD HALL, 226 — TOWN AND COUNTRY ART SHOW
An Exhibit of Illinois Amateur Artists

AGRICULTURAL ENGINEERING — Automatic Feed Grinding; Tractor Test Demonstrations at 8:00 a.m., 12 noon, 4:00 p.m.

DAIRY MANUFACTURES — 1:00 to 2:00 p.m. daily. Equipment display and discussion of milk handling problems

FLORICULTURE GREENHOUSE — 8:00 a.m. to 5:00 p.m. daily

HORTICULTURAL FIELD LABORATORY — 1:00 to 2:00 p.m. daily; food processing equipment; discussion of processing problems

SOIL TESTING LABORATORY — 129 Davenport Hall — 8:00 a.m. to 12:00 noon; 1:00 to 5:00 p.m. daily

SOUTH FARMS — 8:00 a.m. to 5:00 p.m., daily; Agronomy Seed House; beef cattle, dairy cattle, poultry, sheep and swine barns

Unless otherwise indicated all areas will be open between 9:00 a.m. and 5:30 p.m., from Monday to Thursday noon. Staff will be available to discuss questions 12:00 noon to 1:00 p.m.; 4:30 p.m. to 5:30 p.m.

INFORMATION FOR FARM AND HOME WEEK GUESTS

FIRE SAFETY REGULATIONS of the Board of Trustees of the University of Illinois require that all aisles and entrances in University buildings be kept clear. Although the Farm and Home Week Committee has attempted to provide large enough rooms for every meeting, there may be overflow crowds at some sessions. Since these regulations do not permit anyone to block the aisles or entrances, the College of Agriculture hopes guests will be prepared to select another session if a meeting has already been filled.

PARKING in all University lots is open to persons attending Farm and Home Week. Please observe all parking rules as they are posted.

REGISTRATION AND INFORMATION HEADQUARTERS will be maintained in the Main Lounge, first floor Illini Union, from 3:00 p.m., Sunday, January 29 through February 2. Also, information and registration booths will be in the foyer of the Auditorium; lobby of Lincoln Hall; lower gym, Bevier Hall; Stock Pavilion; first floor, Mumford Hall; Agricultural Engineering building; and Floriculture greenhouse Monday, January 30 through Wednesday, February 1. Every visitor is urged to register. There is no charge and information concerning the 1957 program will be sent to those who register.

MAPS of the campus and surrounding vicinity are available at the registration desks.

MEALS are served at the Illini Union. Colonial room: Sunday buffet 5:30 p.m.-7:00 p.m. Week days: lunch, 11:45 a.m.-1:30 p.m.; dinner, 5:45 p.m.-7:30 p.m. Cafeteria: breakfast, 7:00 a.m.-8:30 a.m.; lunch, 11:15 a.m.-1:15 p.m.; dinner, 5:15 p.m.-7:00 p.m. Lunches will be served in the Agricultural Engineering building from 8:00 a.m. to 5:00 p.m. daily; Thursday, 8:00 a.m. to 3:00 p.m. There are also several restaurants near the campus.

ROOM ACCOMMODATIONS in University Residence Halls will be ample for all Farm and Home Week visitors. Busey-Evans and Lincoln Avenue Residence for women, Men's Residence Hall for men, Lincoln Avenue Residence for couples and children. Rates in the residence halls are $2.75 for double or triple rooms, $4.00 for single rooms, and $1.50 for children under 12. Bedding and towels are furnished. Rooms will be available from 3:00 p.m. Sunday, January 29, and should be vacated by noon on Thursday, February 2. Lists of rooms in private homes will be at the Registration headquarters, Illini Union.

RECREATION — Upper Gym, Bevier Hall, 4:00 p.m. Monday, Tuesday, and Wednesday.

ICE SKATING (Ice Rink) — Rented skates available; 7:30 p.m. to 10:00 p.m. daily. Admission charge.

PUBLICATIONS — Bulletins, circulars, and other printed information of the College of Agriculture are on display in the Auditorium. Cards are provided on which requests may be made for any of the publications.

FOR THOSE WHO CANNOT ATTEND

Arrangements have been made to broadcast as much of the Farm and Home Week program as possible over station W I L L, 580 on your radio dial. Features to be broadcast will be announced each day of Farm and Home Week at 8:45 a.m., and during the regular Farm and Home programs. Farm and Home Week features will be televised over W I L L, channel 12, and WCIA, channel 3, during the week.

SUNDAY, JANUARY 29

3:00 p.m. — Registration — Main Lobby Illini Union Building

EVENING CONVOCATION Smith Music Hall R. I. Shawl, presiding

7:30 Rural Chorus — Verrollton C. Shaul, director
8:15 Religion Around the World — Reverend James R. Hine

MONDAY, JANUARY 30

MORNING

AGRICULTURAL POLICY Auditorium L. J. Norton, *presiding*

10:00 Observations on Farm Policies of Foreign Countries that Point Lessons to Illinois Farmers — H. C. M. Case
10:20 How Will Farm Programs in 1956 Affect
Illinois Farmers' Plans — W. N. Thompson
Illinois Prices and Markets — L. F. Stice
11:00 Questions and comments from audience
Panel — H. C. M. Case, L. F. Stice, W. N. Thompson
11:30 Adjourn

HORTICULTURE 103 Mumford Hall C. E. Ackerman, *presiding*

9:00 Arranging Flowers for Your Buffet Table — J. R. Culbert
10:00 Lilies are Garden Cinderellas — J. R. Kamp
11:00 Choose Daylilies for Garden Color — G. M. Fosler
11:40 Adjourn

127 Mumford Hall J. S. Titus, *presiding*

10:00 Increasing Production of Your Raspberries — F. W. Owen, Dwight Powell
11:00 Dwarf Fruit Trees — Dwight Powell, F. W. Owen
11:40 Adjourn

128 Mumford Hall N. F. Oebker, *presiding*

10:00 Grow Your Own Potatoes — C. Y. Arnold
11:00 You Can Grow Carrots, Beets, and Other Root Crops in Your Garden — N. F. Oebker
11:40 Adjourn

RURAL YOUTH 100 Gregory Hall Clareta Walker and Bob Friedrich, *presiding*

Theme: Rural Youth Today: Leaders Tomorrow
10:00 Registration
Songfest — Bonnie Nelson
10:30 Skit: *Before* — Livingston County Rural Youth
Ways to Develop Leadership — Van Miller
Panel — Bob Friedrich, Mary Ellen Koch, Ken Ruckman, Mary Sellmyer, Van Miller, consultant; Ed Dalhaus, moderator
11:30 Adjourn

11:45 4-H X-TRA CORN YIELD BANQUET Ballroom, Illini Union
Sponsored by Illinois Farm Supply. Admission by invitation.

MONDAY AFTERNOON

HOMEMAKERS' PROGRAM Lincoln Hall Theatre Janice Smith, *presiding*

1:00 Contribution of the College to Illinois Homes — Louis B. Howard, chairman
- Research — T. S. Hamilton
- Teaching — C. D. Smith
- Extension — W. G. Kammlade

Looking Through the Hearts of Women — Mrs. Anthony E. Bott

3:00 General Session

AGRICULTURAL OUTLOOK Auditorium G. L. Jordan, *presiding*

1:00 Why Farm Prices Are Lower While Business Booms and Employment and Wages Rise — L. H. Simerl

1956 Prospects for
- Livestock — E. E. Broadbent
- Corn and Soybeans — T. A. Hieronymus
- Milk and Its Products — Roland W. Bartlett
- Eggs and Poultry — J. R. Roush

2:00 Questions and comments from audience. Panel — Roland W. Bartlett, E. E. Broadbent, T. A. Hieronymus, J. R. Roush, L. H. Simerl

3:00 General Session

SMALL WATERSHED PROGRAM 201 Agricultural Engineering
B. F. Muirheid, *presiding*

1:00 Legal Aspects — B. B. Clark
1:20 Discussion
1:25 Administrative Aspects — Leslie Heiser
1:45 Discussion
1:50 Engineering Aspects — C. L. Overstreet
2:10 Discussion
2:15 Pilot Watershed Studies in Illinois — O. T. Dobyns
2:35 Discussion
3:00 General Session

SMALL GRAINS AND SOYBEANS 112 Gregory Hall
C. M. Woodworth, *presiding*

1:00 Histological Characteristics of Strong and Weak Strawed Oat Varieties — O. T. Bonnett
1:25 Spring and Winter Oat Varieties — C. M. Brown

1:45 Oat Diseases — R. M. Takeshita
1:55 Wheat and Barley Varieties — R. O. Weibel
2:15 Wheat Diseases — W. M. Bever
2:25 Soybean Varieties — R. L. Bernard
3:00 General Session

WATER FOR TREES AND TREES FOR WATER Stock Pavilion
W. R. Boggess and R. E. Nelson, *presiding*

12:00 Forestry Exhibits and Discussion
3:00 General Session
4:30 Forestry Exhibits and Discussion
5:30 Adjourn

HORTICULTURE 103 Mumford Hall J. R. Kamp, *presiding*

1:00 Planning and Planting the Outdoor Living Room — H. R. Kemmerer
2:00 Grass Varieties for New and Old Lawns — F. F. Weinard
3:00 General Session

127 Mumford Hall G. M. Fosler, *presiding*

2:00 You Can Grow Attractive, Hardy Mums in Your Flower Garden — C. E. Ackerman
3:00 General Session

128 Mumford Hall N. F. Oebker, *presiding*

2:00 What's New in Disease and Insect Control in the Vegetable Garden — M. B. Linn, J. M. Wright
3:00 General Session

RURAL YOUTH 100 Gregory Hall
Clareta Walker and Mary Sellmyer, *presiding*

1:15 Science and Its Effect on Leadership — T. S. Hamilton
Summary
Skit: *After* — Livingston County Rural Youth
3:00 General Session

GENERAL SESSION Auditorium Louis B. Howard, *presiding*

3:00 Music
Farm People and Their University — David Dodds Henry

MONDAY EVENING

RURAL PASTORS' SHORT COURSE University Place Christian Church
George H. Wilson, *presiding*

†5:30 Annual Dinner
Changes in the International Rural Scene — James L. Vizzard

RURAL YOUTH Ballroom Illini Union

†5:45 Banquet
Personality and Leadership Development — Fannie M. Brooks
Slides of Rural Youth Activities

FARM AND HOME WEEK OPEN HOUSE Illini Union

6:30-11:00 p.m.

For Your First Evening at Farm and Home Week

There will be entertainment: music, armchair tours to lands far and near, exhibits and demonstrations to catch your interest and test your skill, square and social dancing, and a floor show.

There will be opportunity to greet old friends, to make new ones, to visit with them all.

Come join in the fun and fellowship.

Get your program at the door.

† Charge for admission.

TUESDAY, JANUARY 31

MORNING

ILLINOIS HOME BUREAU FEDERATION Auditorium
Mrs. Milton Vaupel, *presiding*

8:30 Registration
9:00 Annual Meeting
†12:00 Federation Luncheon — Ballroom, Illini Union

HOMEMAKERS' PROGRAM

Since all women may not wish to go to the Illinois Home Bureau Federation sessions, some of you may enjoy
Horticulture — see page 12, 13
Rural Pastors' Short Course — see below
Water for Trees and Trees for Water — see below

WATER FOR TREES AND TREES FOR WATER Stock Pavilion
J. N. Spaeth and J. J. Jokela, *presiding*

8:00 Forestry Exhibits and Discussion
12:00 Adjourn

AGRONOMY 112 Gregory Hall

8:00 Question Box on Crops — C. M. Woodworth, leader

FORAGE CROPS 112 Gregory Hall J. C. Hackleman, *presiding*

9:00 Sudan Grass Variety Performance and Management — A. W. Burger
9:15 Forage Sorghums in Southern Illinois — E. F. Sullivan
9:30 Forage Quality Studies of Oats — D. L. Staheli
9:45 Alfalfa Varieties in Illinois — C. N. Hittle
10:10 Use of Chemicals in Forage Establishment — F. W. Slife
10:25 Clipping Studies On Forage Grasses to Improve the Yield and Quality of Pasturage — E. C. Spurrier
10:40 Legume Establishment in Wheat — J. W. Pendleton
10:55 Panel: Band Seeding Establishment of Forages — J. A. Jackobs, chairman; G. E. McKibben, W. S. Speer, H. P. Bateman, A. L. Lang
11:30 Adjourn

RURAL PASTORS' SHORT COURSE 314 (S) Illini Union C. L. Folse, *presiding*

8:00 Roman Catholic Mass
8:25 Morning Devotions
9:00 The Farmer's Problems
Production — E. R. Swanson
Marketing — L. H. Simerl
Living — W. W. Bauder
10:15 Discussion and Summary
11:30 Adjourn

† Charge for admission.

ILLINOIS STATE ASSOCIATION OF FARM ADVISERS
Latzer Hall University YMCA

8:30 Annual Meeting

MACHINERY FOR FERTILIZER AND CORN 201 Agricultural Engineering
R. I. Shawl, *presiding*

9:00 Panel: Equipment for Liquid Fertilizers — Wendell Bowers, leader
10:20 Combining, Drying, and Storing Corn — G. E. Pickard, F. W. Andrew, V. W. Davis, J. O. Curtis
11:30 Adjourn

DAIRY MARKETING 135 Animal Sciences Laboratory K. E. Gardner, *presiding*

9:00 Distributor-Producer Cooperation — Fred Nonamaker
9:30 Trucking Costs: Tank Trucks vs. Milk Cans — Glenn Johnson
10:00 Eliminating Receiving Room by Using Bulk Tanks — John W. Dean
10:30 Financing and Servicing Bulk Tanks on Farms — Howard F. Johnson
11:00 Progress of Illinois School Milk Program — Sheldon Williams
11:30 Adjourn

GRAIN MARKETING — CONSUMPTION AND PRICE PROBLEMS
103 Mumford Hall T. A. Hieronymus, *presiding*

9:00 Economics of the Price Support Problem for Grain — C. P. Schumaier
9:30 Why Do We Have Surplus Wheat? — L. F. Stice
10:00 Why Do We Have Surplus Corn? — R. J. Mutti
10:30 Is There a Solution to the Surplus Grain Problem? — L. J. Norton
11:20 Discussion
11:40 Adjourn

HORTICULTURE 114 David Kinley Hall C. E. Ackerman, *presiding*

9:00 Arranging Flowers for Your Buffet Table — J. R. Culbert
10:00 Lilies are Garden Cinderellas — J. R. Kamp
11:00 Choose Daylilies for Garden Color — G. M. Fosler
11:40 Adjourn

127 Mumford Hall J. S. Titus, *presiding*

10:00 Increasing Production of Your Raspberries — F. W. Owen, Dwight Powell
11:00 Dwarf Fruit Trees — Dwight Powell, F. W. Owen
11:40 Adjourn

128 Mumford Hall N. F. Oebker, *presiding*

10:00 Grow Your Own Potatoes — C. Y. Arnold

11:00 You Can Grow Carrots, Beets, and Other Root Crops in Your Garden — N. F. Oebker
11:40 Adjourn

COLD STORAGE LOCKER PLANTS 100 Gregory Hall
J. Raymond Miller, *presiding*

9:30 Welcome — L. J. Norton
9:45 Profit or Loss: What Makes the Difference — Roy Tucker
10:15 Sales and Services — M. G. Parsons, Jr.
11:00 Advertising and Public Relations Problems — Harold Echternach
11:30 Adjourn
†12:15 Locker Interests Luncheon — University Baptist Church, 807 South Fourth Street, Champaign

ILLINOIS FARM SPORTS FESTIVAL DANCE PRELIMINARIES Women's Gym

8:30 Registration, Lower Corrider, Erma Cottingham, presiding
South Room, H. R. Brunnemeyer, Ed Dalhaus, presiding
9:00 Rural Youth Square Dance Teams
Square Dance Bands
Judges — Donnabelle Kirby, Joe Maddox
North Room, H. J. Wetzel, Roy Will, presiding
9:00 Open Class Square Dance Teams
Open Class Folk Dance Teams
Rural Youth Folk Dance Teams
Judges — Mary A. McKee, Ty Thompson
11:00 Adjourn

TUESDAY AFTERNOON

HOMEMAKERS' PROGRAM AND ILLINOIS HOME BUREAU FEDERATION
Auditorium Mrs. Milton Vaupel, *presiding*

1:15 Let's Take a Straight Look at the Future — John Nuveen
3:00 General Session

ILLINOIS FARM SPORTS FESTIVAL DANCE PRELIMINARIES Women's Gym

1:30 Conclude Rural Youth and Open Class Folk and Square Dance Preliminaries
3:00 General Session

HORTICULTURE 114 David Kinley Hall J. R. Kamp, *presiding*

1:00 Planning and Planting the Outdoor Living Room — H. R. Kemmerer
2:00 Grass Varieties for New and Old Lawns — F. F. Weinard
3:00 General Session

127 Mumford Hall G. M. Fosler, *presiding*

2:00 You Can Grow Attractive, Hardy Mums in Your Flower Garden — C. E. Ackerman
3:00 General Session

† Charge for admission.

128 Mumford Hall N. F. Oebker, *presiding*

2:00 What's New in Disease and Insect Control in the Vegetable Garden — M. B. Linn, J. M. Wright

3:00 General Session

GRAIN MARKETING — CURRENT PROBLEMS 103 Mumford Hall

L. J. Norton, *presiding*

1:15 Outlook for Grain Prices in 1956 — T. A. Hieronymus

2:00 The New Illinois Warehouse Act — E. S. Herron

2:15 New Soybean Grades — How Have They Worked?
A Processor — K. J. Maltas
An Elevator Operator — Howard McWard

2:35 Discussion

3:00 General Session

WATER FOR TREES AND TREES FOR WATER Stock Pa on

R. W. Lorenz and R. G. Rennels, *presiding*

12:00 Forestry Exhibits and Discussion

3:00 General Session

4:30 Forestry Exhibits and Discussion

5:30 Adjourn

TRACTORS — CARE AND FEEDING 201 Agricultural Engineering

G. E. Pickard, *presiding*

1:00 Tractor Maintenance Survey — J. A. Weber

1:30 The MS-DG of Oil Classification — R. I. Shawl

1:45 Tractor Magic — C. N. Hinkle

2:15 Tractor Test Demonstration — Research Laboratory; *also* at 8:00 a.m., noon, and 4:00 p.m. Monday through Thursday

3:00 General Session

VETERINARY MEDICINE 150 Veterinary Medicine Robert Graham, *presiding*

1:30 Leptospirosis in Cattle and Swine
History and Incidence in Illinois — H. S. Bryan
Cause and Symptoms — J. O. Alberts
Prevention and Control — B. O. Brodie

3:00 General Session

COLD STORAGE LOCKER PLANTS 100 Gregory Hall

J. Raymond Miller, *presiding*

1:30 Current Problems in the Locker Industry — J. L. Pidcock

2:00 Question and Answer Period

3:00 General Session

DAIRY MARKETING 135 Animal Sciences Laboratory Paul H. Tracy, *presiding*

1:00 Recommended Policies For a Sound Dairy Program — Judson P. Mason, Warren E. Collins
2:00 Concentrated Milk: Actual and Potential Markets — Roland W. Bartlett
2:30 Discussion
3:00 General Session

RURAL PASTORS' SHORT COURSE 314 (S) Illini Union
Harold Flessner, *presiding*

1:00 Interest of Industry Toward Rural Communities — George Pendell, Loren C. Trimble
3:00 General Session

SUBSOILING AND SUBSOIL FERTILIZATION 112 Gregory Hall
R. T. Odell, *presiding*

1:00 Past Research Results — R. S. Stauffer
Physical and Chemical Problems Involved — A. H. Beavers
Root Penetration Studies — J. B. Fehrenbacher
New Research On Subsoiling and Subsoil Fertilization
Northeastern Illinois — C. A. Van Doren
Southern Illinois Experiment Fields — P. E. Johnson
Dixon Springs Experiment Station — W. R. Boggess
Cooperative Agronomy Research Center, Carbondale — W. C. Jacob
3:00 General Session

LIVESTOCK RESEARCH TOPICS Lincoln Hall Theatre Joseph Kastelic, *presiding*

1:00 Pinch Hitting for Protein — E. E. Hatfield
1:25 Sterility: A Potent Problem — A. V. Nalbandov
1:50 Using Radioactive Hormone to Find How Stilbestrol Works — G. E. Mitchell
2:15 Poppin' Atoms for Practical Answers — B. C. Johnson and others
2:45 Questions
3:00 General Session

GENERAL SESSION Auditorium Kathryn Van Aken Burns, *presiding*

3:00 Music
Our Role in Strengthening America — Mrs. Edith S. Sampson

TUESDAY EVENING

STOCKMEN'S BANQUET Ballroom Illini Union

†6:00 Breeding for More Efficient Beef Animals — L. E. Johnson

ILLINOIS HOME BUREAU FEDERATION Latzer Hall University YMCA

†6:00 Presidents' Dinner — For all Past and Present County Home Bureau Presidents and Illinois Home Bureau Federation Advisory Board

RURAL PASTORS' SHORT COURSE 314 (S) Illini Union

Denominational Meetings (to be announced)

WINTER FESTIVAL FOLK AND SQUARE DANCE JAMBOREE George Huff Gym
E. H. Regnier, *presiding*

7:00 Who's Your Dancing Neighbor?
7:30 Everybody Dance
8:30 Recognition in Rhythm
9:30 Folk Figures
10:00 Guest Callers
11:00 Good Night, Neighbor

† Charge for admission.

WEDNESDAY, FEBRUARY 1

MORNING

ILLINOIS HOME BUREAU ORGANIZATION Great Hall, Wesley Foundation

†7:00 Breakfast

HOMEMAKERS' PROGRAM Lincoln Hall Theatre Marguerite Briggs, *presiding*

9:00 Dad's Place in the Child's Life — J. Richard Suchman
Dorothy Iwig, presiding
Designed For You — Walter M. Johnson

11:30 Adjourn

FAMILY CAMP Faculty Lounge, Illini Union George McCoy, *presiding*

10:00 Some Experiences, Plans, and Proposals for Family Camping in Illinois

11:30 Adjourn

REDUCING FEED COSTS FOR DAIRY CATTLE THROUGH FORAGE
135 Animal Science Laboratory K. E. Gardner, *presiding*

9:00 A Survey of Soiling Practices — J. G. Cash

9:30 Oat Silage vs. Alfalfa Preserved with 300 Pounds of Corn and Cob Meal — E. E. Ormiston

10:00 Making and Feeding Grass and Legume Silage — K. A. Kendall

10:35 Should We Raise Fewer Heifers? — K. E. Harshbarger

11:05 Feed An All-Corn Diet? — J. H. Byers

11:30 Adjourn

FARM OPERATIONS 112 Gregory Hall H. C. M. Case, *presiding*

9:00 Field Machinery: How Big and How Much? — R. M. Finley

9:20 How Much for Buildings? — Roy N. Van Arsdall

9:40 Can You Afford to Mechanize Your Chores? — J. E. Wills

10:00 The Sense of Using Dollars in Soil Conservation
Viewpoint of the Conservationist — Clarence E. Mick
Viewpoint of the Farmer — Harold Newman
Viewpoint of the Economist — E. L. Sauer
Panel — Clarence E. Mick, Harold Newman, E. L. Sauer

11:00 You Need a Home, Too! — Deane G. Carter

11:15 Cost-Price Squeeze and Family Goals — C. L. Folse

11:30 Adjourn

WATER FOR TREES AND TREES FOR WATER Stock Pavilion
L. B. Culver and J. K. Guiher, *presiding*

8:00 Forestry Exhibits and Discussion

12:00 Adjourn

BEEKEEPING 102C Vivarium Building V. G. Milum, *presiding*

8:30 The Yearly Cycle with the Bees — V. G. Milum

† Charge for admission.

9:30 Body Structures of Bees and How They Function — V. G. Milum
10:30 Essentials of Beekeeping Equipment — Walter Barth
11:30 Adjourn

CAMPING ASSOCIATIONS Illini Union

8:00 Southern Illinois General Lounge
8:00 Shaw-waw-nas-see Faculty Lounge
8:00 Shaubena 209
10:00 Central Illinois General Lounge

AGRONOMY Auditorium

8:00 Question Box on Forage Crops, Subsoiling — W. F. Purnell, leader

CORN PRODUCTION Auditorium D. E. Alexander, *presiding*

9:00 Illinois Hybrid Corn Program: Promising Experimental Hybrids — R. W. Jugenheimer
Function of Illinois Seed Producers Association — F. S. Ingersoll
Commercial Hybrid Variety Tests — E. R. Leng
10:05 Grain Sorghums as a Substitute for Corn — C. N. Hittle
10:20 Corn Pests
New Weed Control Recommendations — F. W. Slife
Soil Insecticides: Two-Years' Results — John Bigger
Insect Situation — H. B. Petty
Corn Diseases — B. Koehler
11:30 Adjourn

RURAL PASTORS' SHORT COURSE 314 (S) Illini Union
Robert G. Sterrett, *presiding*

8:00 Roman Catholic Mass
8:25 Morning Devotions
Changing Social Relationships Between Farm and Nonfarm People — Samuel W. Blizzard
10:15 Discussion and Summary
11:30 Adjourn

PRACTICAL APPLICATIONS OF LIVESTOCK RESEARCH — BEEF
150 Veterinary Medicine A. L. Neumann, *presiding*

9:00 How About Brahmas for Crossbreeding — D. W. Moody
9:20 Let's Swap Bulls — C. R. Acord
9:40 Progress in Beef Cattle Performance Testing Programs — D. E. Walker
10:00 What Do We Think of Oat Silage Now? — A. L. Neumann
10:20 How Should I Grind My Corn? — W. W. Albert
10:40 Bloat Studies May Find the Answer — R. L. Vetter
11:00 Carcass Studies of Stilbestrol-fed Steers — B. C. Breidenstein
11:30 Questions
11:45 Adjourn

FARMHOUSE AND FARMSTEAD PLANNING 201 Agricultural Engineering
Deane G. Carter, *presiding*

9:00 The Flexi-Plan: A New Approach to Planning — Deane G. Carter
9:20 Planning and Planting — H. R. Kemmerer
9:50 More Power to the Farmstead — F. W. Andrew
10:20 Inside the Farmhouse: An Improvement Program — Catherine Sullivan
10:50 Lighting the Home — R. M. Peart
11:20 Farm Housing Here and There Throughout the World — K. H. Hinchcliff
11:45 Adjourn

HORTICULTURE 103 Mumford Hall C. E. Ackerman, *presiding*

9:00 Arranging Flowers for Your Buffet Table — J. R. Culbert
10:00 Lilies are Garden Cinderellas — J. R. Kamp
11:00 Choose Daylilies for Garden Color — G. M. Fosler
11:40 Adjourn

127 Mumford Hall J. S. Titus, *presiding*

10:00 Increasing Production of Your Raspberries — F. W. Owen, Dwight Powell
11:00 Dwarf Fruit Trees — Dwight Powell, F. W. Owen
11:40 Adjourn

128 Mumford Hall N. F. Oebker, *presiding*

10:00 Grow Your Own Potatoes — C. Y. Arnold
11:00 You Can Grow Carrots, Beets, and Other Root Crops in Your Garden — N. F. Oebker
11:40 Adjourn

FFA FOUNDATION 314 (N) ILLINI UNION

†11:30 Luncheon

WEDNESDAY AFTERNOON

HOMEMAKERS' PROGRAM Lincoln Hall Theatre
Kathryn Van Aken Burns, *presiding*

1:30 Greetings from the President — David Dodds Henry
Home Life in the Far East — K. H. Hinchcliff
3:00 General Session

BEEKEEPING 102C Vivarium Building Marvin Wahls, *presiding*

1:00 Honey Plants and Beekeeping Areas — Carl E. Killion
1:45 Future Prospects in Southern Illinois — H. E. Dale
2:15 Illinois Honeys and Their Care — V. G. Milum
3:00 General Session

† Charge for admission.

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Tuesday Afternoon

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Tuesday Evening

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FRIDAY, FEBRUARY 3, Illinois Society of Farm Managers and Rural Appraisers Meeting and Luncheon, p. 28

WATER FOR TREES AND TREES FOR WATER Stock Pavilion
C. S. Walters and K. R. Peterson, *presiding*

12:00 Forestry Exhibits and Discussion
3:00 General Session
4:30 Forestry Exhibits and Discussion
5:30 Adjourn

PRACTICAL APPLICATIONS OF LIVESTOCK RESEARCH — SHEEP, POULTRY, SWINE 150 Veterinary Medicine S. W. Terrill, *presiding*

1:00 Why Pellet Sheep Feeds? — A. L. Esplin
1:25 Self-help Program for the Sheep Industry — William Temple
1:50 Hormones for Broilers: Facts and Fallacies — R. C. Eaton
2:15 Rations for Swine — S. W. Terrill
2:40 Questions
3:00 General Session

FARM BUILDINGS FOR EFFICIENT PRODUCTION 201 Agricultural Engineering
Frank B. Lanham, *presiding*

1:00 Clues to Labor Saving at the Farmstead — J. T. Clayton
1:40 Trends in Building Design — Deane G. Carter, J. O. Curtis
2:20 Farm Building Plans — D. G. Jedele
3:00 General Session

DEMONSTRATION OF DAIRY SKILLS Stock Pavilion J. G. Cash, *presiding*

1:00 Selecting Foundation and Project Animals — W. W. Yapp, E. E. Ormiston
1:30 Dairy Herd Skills — W. W. Yapp, E. E. Ormiston
3:00 General Session

LAND PRICES, TRANSFERS, AND LEASES 112 Gregory Hall
J. B. Cunningham, presiding

1:00 Are Land Prices Too High? Points of Weakness — C. L. Stewart
1:25 Are Land Prices Too High? Points of Strength — Earl F. Crouse
1:50 Land Transfers by Means of Price Modifying Commitments
Panel: Earl F. Crouse, N. G. P. Krausz, C. L. Stewart
2:30 What's New in Farm Leases? — F. J. Reiss
3:00 General Session

RURAL PASTORS' SHORT COURSE 314 (S) Illini Union
Vernon H. MacNeill, *presiding*

1:00 A Challenge to the Rural Church — Ira Langston
3:00 General Session

NITROGEN FERTILIZERS Auditorium M. B. Russell, *presiding*

1:00 1955 Corn-Nitrogen Studies — L. T. Kurtz
1955 Fertilizer Treatments on Morrow Plots — A. L. Lang
Forms, Rates, and Dates of Application of Nitrogen Fertilizers — L. T. Kurtz

Influence of Soil Nitrogen Level on Efficiency of Nitrogen-Fixing Bacteria — O. H. Sears
Nitrogen Use in Relation to Cropping Practices — E. H. Tyner
Summary — M. B. Russell

3:00 General Session

HORTICULTURE 103 Mumford Hall J. R. Kamp, *presiding*

1:00 Planning and Planting the Outdoor Living Room — H. R. Kemmerer
2:00 Grass Varieties for New and Old Lawns — F. F. Weinard
3:00 General Session

127 Mumford Hall G. M. Fosler, *presiding*

2:00 You Can Grow Attractive, Hardy Mums in Your Flower Garden — C. E. Ackerman
3:00 General Session

128 Mumford Hall N. F. Oebker, *presiding*

2:00 What's New in Disease and Insect Control in the Vegetable Garden — M. B. Linn, J. M. Wright
3:00 General Session

GENERAL SESSION Auditorium L. J. Norton, *presiding*

3:00 Music
Our Commodity Support Operations and Their Implications for Agriculture — Earl M. Hughes

ILLINOIS STATE ASSOCIATION OF HOME ADVISERS 108 Bevier Hall

4:00 Meeting

WEDNESDAY EVENING

ILLINOIS CROP IMPROVEMENT ASSOCIATION Ballroom Illini Union

†6:30 Annual Banquet

APIARY INSPECTORS' CONFERENCE 102C Vivarium Building

Carl E. Killion, *presiding*

Open to all who are interested

7:00 Comb Pests — V. G. Milum
7:30 Adult Bee Diseases — G. H. Cale
8:00 Diagnosing Brood Diseases — Walter Barth
8:30 Apiary Inspection and Disease Control — Carl E. Killion
9:15 General Discussion — Apiary Inspectors

ILLINOIS RURAL MUSIC AND DRAMA FESTIVAL Auditorium

†8:00 Stage productions of selected one-act plays and music features from the 1955-56 county and district festivals

† Charge for admission.

THURSDAY, FEBRUARY 2

MORNING

CAMPING ASSOCIATIONS Illini Union

8:00 White Eagle General Lounge
8:00 Western Faculty Lounge

ELECTRIC POWER — EFFICIENT PRODUCTION 201 Agricultural Engineering
R. W. Kleis, *presiding*

9:00 New Materials Handling Equipment — R. M. Peart
9:30 What Some Illinois Farms Are Doing to Increase Production Efficiency — J. T. Clayton, F. W. Andrew
10:30 Do Cattle Care? Hammer Mill or Burr Mill — R. W. Kleis
10:45 Preventing Separation of Ground Feed — W. F. Schwiesow
11:00 Current Research — Here and There in Farm Electrification — H. B. Puckett
11:20 Question Period
11:30 Adjourn

WATER FOR TREES AND TREES FOR WATER Stock Pavilion
W. F. Bulkley, T. W. Curtin, and H. Scholten, *presiding*

8:00 Forestry Exhibits and Discussion
12:00 Adjourn

ILLINOIS TURKEY GROWERS' ASSOCIATION 135 Animal Sciences Laboratory

10:00 Meeting
5:00 Adjourn
†6:30 Banquet — Latzer Hall, University YMCA

HOMEMAKERS' PROGRAM Lincoln Hall Theatre Geraldine Acker, *presiding*

9:00 Use of Poultry and Poultry Products — W. J. Stadelman
Chicken With an International Flavor — Pearl Z. Janssen, Mary McAuley
11:30 Adjourn

ADJUSTING THE FARM BUSINESS TO CHANGING CONDITIONS
Smith Music Hall J. B. Andrews, *presiding*

9:00 Trends in Farming Efficiency — J. E. Wills
9:35 What Is Happening to Farmers' Income? — A. G. Mueller
10:10 What Can the Farmer Do to Reduce Costs? — W. D. Buddemeier
10:45 Effect of Price Changes on High-Profit Farming Systems — E. R. Swanson
11:30 Adjourn

BEEKEEPING 102C Vivarium Building L. M. Leiper, *presiding*

8:15 How I Would Start in Beekeeping — Walter Barth
8:50 Marketing of Honey — G. H. Cale
10:00 Illinois Beekeeping Organizations — Hoyt Taylor
10:30 Impressions From the National Meetings — Carl E. Killion

† Charge for admission.

11:00 Fall and Winter Management of Bees — V. G. Milum
11:30 Adjourn

LEISURECRAFT AND COUNSELING CAMP COMMITTEE 211 Illini Union
10:00 Meeting

CONFERENCE OF ADVISORY COMMITTEES FOR AGRICULTURAL EDUCATION IN PUBLIC SCHOOLS 100 Gregory Hall
10:00 Implications of White House Conferences for Rural and Agricultural Education — Vernon L. Heath, Luther Johnson, Henry Van Tuyle
10:45 Panel and Audience Discussion
11:30 Adjourn

AGRONOMY 112 Gregory Hall
8:00 Question Box on Corn and Nitrogen Fertilizers — J. C. Hackleman, leader

RESEARCH REVIEW 112 Gregory Hall M. B. Russell, *presiding*
9:00 Mineral Nutrition of Soybeans — R. W. Howell
Multiple-Eared Corn — E. Inselberg
Tracing Radio-active 2, 4-D Through Weeds — M. C. Williams
Seasonal Water Requirement of Corn — D. B. Peters
Variation of Oil and Protein in Different Parts of the Soybean Plant — F. I. Collins
A New Technique to Establish Legumes in Corn — J. A. Jackobs
Soilless Cultures — R. E. McCollum
Isolation of Red-leaf Virus in Oats — R. M. Takeshita
Artificial Rain to Leach Nitrogen — L. D. Owens
Plant Corn Deep and Harvest a Heap — A. F. Troyer
11:30 Adjourn

NOON

FARM MANAGEMENT LUNCHEON Ballroom Illini Union F. J. Reiss, *presiding*
†11:45 Luncheon
12:30 Introductions and Recognitions
12:45 Entertainment
1:00 Our Look at Russian Agriculture — W. V. Lambert

THURSDAY AFTERNOON

CONFERENCE OF ADVISORY COMMITTEES FOR AGRICULTURAL EDUCATION IN PUBLIC SCHOOLS Gregory Hall
1:00 Implications of White House Conferences for Work of Advisory Committees for Agricultural Education.
Leaders — G. P. Deyoe (Room 311), H. M. Hamlin (Room 331), A. H. Krebs (Room 217), L. J. Phipps (Room 221), J. N. Weiss (Room 215)

† Charge for admission.

2:15 Launching a New Advisory Committee for Agricultural Education — J. N. Weiss (Room 215)
Planning an Annual Program for an Advisory Committee for Agricultural Education — George Sprau (Room 321)
Developing Local Policies for Agricultural Education — H. M. Hamlin (Room 331)
Planning Buildings and Facilities — H. R. Damisch (Room 329)
Planning Programs for Adult Farmers — Ralph A. Guthrie (Room 100)
Planning Programs for Young Farmers — L. J. Phipps (Room 221)
Planning Programs of Vocational Agriculture for High School Boys — A. H. Krebs (Room 217)
F.F.A. Affairs — V. E. Burgener (Room 219)
Planning Agricultural Education Programs for Students Ineligible for Vocational Agriculture — G. P. Deyoe (Room 311)
3:30 Adjourn

STATE CAMPING COMMITTEE 424 Mumford Hall
1:00 Meeting

BEEKEEPING 102C Vivarium Building Marvin Wahls, *presiding*
1:00 Spring and Summer Management for Production of Extracted Honey — G. H. Cale
1:45 Section and Bulk Comb Honey Production — Carl E. Killion
2:30 Bees and Pollination — Walter Barth

ILLINOIS RURAL SAFETY COUNCIL 314 (N) Illini Union
2:00 Annual Meeting

ILLINOIS FARM ELECTRIFICATION COUNCIL Faculty Lounge Illini Union
2:00 Annual Meeting
5:00 Adjourn

ILLINOIS SOCIETY OF FARM MANAGERS AND RURAL APPRAISERS
112 Gregory Hall
2:00 Meeting

THURSDAY EVENING

ILLINOIS TURKEY GROWERS' ASSOCIATION Latzer Hall, University YMCA
†6:30 Banquet

ILLINOIS FARM ELECTRIFICATION COUNCIL 314 (S) Illini Union
†6:30 Dinner and Meeting

ILLINOIS SOCIETY OF FARM MANAGERS AND RURAL APPRAISERS
314 (N) Illini Union
7:30 Meeting

† Charge for admission.

FRIDAY, FEBRUARY 3

ILLINOIS SOCIETY OF FARM MANAGERS AND RURAL APPRAISERS
314 Illini Union

8:30 Meeting

†12:00 Luncheon Ballroom Illini Union

† Charge for admission.

SPECIAL EVENTS, LUNCHEONS, AND BANQUETS

SUNDAY, JANUARY 29

7:30 p.m. SUNDAY EVENING CONVOCATION Smith Music Hall

MONDAY, JANUARY 30

11:45 a.m. 4-H X-TRA CORN YIELD BANQUET Ballroom, Illini Union. Sponsored by Illinois Farm Supply. Admission by invitation.

†5:30 p.m. RURAL PASTORS' SHORT COURSE ANNUAL DINNER University Place Christian Church

†5:45 p.m. RURAL YOUTH BANQUET Ballroom, Illini Union

6:30 p.m. FARM AND HOME WEEK OPEN HOUSE Illini Union

TUESDAY, JANUARY 31

8:30 a.m. ILLINOIS HOME BUREAU FEDERATION ANNUAL MEETING Auditorium

8:30 a.m. ILLINOIS ASSOCIATION OF FARM ADVISERS ANNUAL MEETING Latzer Hall, University YMCA

†12:00 noon ILLINOIS HOME BUREAU FEDERATION LUNCHEON Ballroom, Illini Union

†12:15 p.m. LOCKER INTERESTS LUNCHEON University Baptist Church

†6:00 p.m. STOCKMEN'S BANQUET Ballroom, Illini Union

†6:00 p.m. ILLINOIS HOME BUREAU FEDERATION PRESIDENTS' DINNER Latzer Hall, University YMCA

7:00 p.m. WINTER FESTIVAL George Huff Gym

WEDNESDAY, FEBRUARY 1

†7:00 a.m. ILLINOIS HOME BUREAU ORGANIZATION Breakfast Great Hall, Wesley Foundation

8:00 a.m. SOUTHERN ILLINOIS CAMPING ASSOCIATION General Lounge, Illini Union

8:00 a.m. SHAW-WAW-NAS-SEE Camping Association Faculty Lounge, Illini Union

8:00 a.m. SHAUBENA Camping Association 209 Illini Union

10:00 a.m. CENTRAL ILLINOIS CAMPING ASSOCIATION General Lounge, Illini Union

†11:30 a.m. FFA FOUNDATION LUNCHEON 314 (N) Illini Union

4:00 p.m. ILLINOIS STATE ASSOCIATION OF HOME ADVISERS MEETING 108 Bevier Hall

†6:30 p.m. ILLINOIS CROP IMPROVEMENT ASSOCIATION ANNUAL BANQUET Ballroom, Illini Union

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† Charge for admission.

7:00 p.m. APIARY INSPECTORS' CONFERENCE 102C Vivarium Building

†8:00 p.m. ILLINOIS RURAL MUSIC AND DRAMA FESTIVAL Auditorium

THURSDAY, FEBRUARY 2

8:00 a.m. WHITE EAGLE CAMPING ASSOCIATION General Lounge, Illini Union

8:00 a.m. WESTERN CAMPING ASSOCIATION Faculty Lounge, Illini Union

10:00 a.m. LEISURECRAFT AND COUNSELING CAMP COMMITTE 211 Illini Union

10:00 a.m. ILLINOIS TURKEY GROWERS' ASSOCIATION MEETING 135 Animal Sciences Laboratory

†11:45 a.m. FARM MANAGEMENT LUNCHEON Ballroom, Illini Union

1:00 p.m. STATE CAMPING COMMITTEE 424 Mumford Hall

2:00 p.m. ILLINOIS RURAL SAFETY COUNCIL ANNUAL MEETING 314 (N) Illini Union

2:00 p.m. ILLINOIS FARM ELECTRIFICATION COUNCIL ANNUAL MEETING Faculty Lounge, Illini Union

2:00 p.m. ILLINOIS SOCIETY OF FARM MANAGERS AND RURAL APPRAISERS MEETING 112 Gregory Hall

†6:30 p.m. ILLINOIS TURKEY GROWERS' ASSOCIATION BANQUET Latzer Hall, University YMCA

†6:30 p.m. ILLINOIS FARM ELECTRIFICATION COUNCIL DINNER AND MEETING 314 (S) Illini Union

7:30 p.m. ILLINOIS SOCIETY OF FARM MANAGERS AND RURAL APPRAISERS MEETING 314 (N) Illini Union

FRIDAY, FEBRUARY 3

8:30 a.m. ILLINOIS SOCIETY OF FARM MANAGERS AND RURAL APPRAISERS 314 Illini Union

†12:00 LUNCHEON Ballroom, Illini Union

† Charge for admission.

IDENTIFICATION OF SPEAKERS

*Acker, Geraldine — Assistant Professor, Foods and Nutrition
*Ackerman, C. E. — Instructor, Floriculture
*Acord, C. R. — Assistant, Animal Science
*Albert, W. W. — Assistant Professor, Animal Science
*Alberts, Joseph O.—Professor and Head, Veterinary Pathology and Hygiene
*Alexander, D. E. — Assistant Professor, Agronomy
*Andrew, F. W. — Associate Professor, Rural Electrification Extension
*Andrews, J. B. — Professor, Farm Management
*Arnold, C. Y. — Associate Professor, Vegetable Crops
Barth, Walter — Associate Editor, Gleanings in Bee Culture, Medina, Ohio
*Bartlett, Roland W. — Professor, Agricultural Economics
*Bateman, H. P. — Assistant Professor, Farm Power and Machinery
*Bauder, Ward W. — Professor, Rural Sociology
*Beavers, A. H. — Assistant Professor, Soil Physics
*Bernard, R. L. — Agronomist, United States Regional Soybean Laboratory
*Bever, W. M. — Professor, Plant Pathology
*Bigger, John — Entomologist, State Natural History Survey
Blizzard, Samuel W. — Associate Professor, Rural Sociology, Pennsylvania State University, University Park, Pennsylvania
*Boggess, W. R. — Professor, Forestry, Dixon Springs Experiment Station, Robbs, Illinois
*Bonnett, O. T. — Professor, Plant Genetics
Bott, Mrs. Anthony E. — American Mother of 1953, 110 Country Club Place, Belleville, Illinois
*Bowers, Wendell — Assistant Professor, Farm Power and Machinery Extension
*Breidenstein, B. C. — Assistant Professor, Animal Science
*Briggs, Margueritte — Assistant Professor, Child Development and Parent Education Extension
*Broadbent, E. E. — Associate Professor, Agricultural Marketing
*Brodie, Bruce O. — Instructor, Veterinary Clinical Medicine
*Brooks, Fannie M. — Associate Professor, Health Education, Emerita
*Brown, C. M. — Assistant Professor, Agronomy
*Brunnemeyer, H. R. — State Leader, Farm Advisers
*Bryan, Harold S. — Professor, Veterinary Pathology and Hygiene
*Buddemeier, W. D. — Associate Professor, Farm Management
*Bulkley, W. F. — Associate Extension Forester
Burgener, Vernon E. — Executive Secretary, Illinois Association of Future Farmers of America; Supervisor, Illinois State Board of Vocational Education, 1119 South Sixth, Springfield, Illinois
*Burger, A. W. — Associate Professor, Crop Production
*Burns, Mrs. Kathryn Van Aken — State Leader, Home Economics Extension
*Byers, J. H. — Assistant Professor, Dairy Science
Cale, G. H. — Editor, American Bee Journal, Hamilton, Illinois
*Carter, Deane G. — Professor, Farm Structures
*Case, H. C. M. — Professor, Agricultural Economics
*Cash, J. G. — Professor, Dairy Science
Clark, B. B. — State Conservationist, Soil Conservation Service, 605 South Neil, Champaign, Illinois
*Clayton, J. T. — Assistant Professor, Farm Structures
*Collins, F. I. — Chemist, United States Regional Soybean Laboratory
Collins, Warren E. — Director of Research, Illinois Agricultural Association, 43 East Ohio Street, Chicago 11
*Cottingham, Erma — Associate, Home Economics 4-H Club Work

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* Staff members, University of Illinois

Crouse, Earl F. — Doane Agricultural Service, 5144 Delmar Boulevard, St. Louis 8, Missouri
*__Culbert, J. R.__ — Assistant Professor, Floriculture
*__Culver, L. B.__ — Extension Forester
*__Cunningham, J. B.__ — Associate Professor, Farm Management Extension
*__Curtin, T. W.__ — Research Associate, Forestry
*__Curtis, J. O.__ — Assistant Professor, Farm Structures
Dale, H. E. — President, Illinois State Beekeepers Association, Herrin, Illinois
Dalhaus, Ed — Director, Young Peoples' Activities, Illinois Agricultural Association, 43 East Ohio Street, Chicago 11
Damisch, H. R. — Supervisor, Illinois State Board of Vocational Education, 1119 South Sixth, Springfield, Illinois
*__Davis, V. W.__ — Assistant, Farm Management
Dean, John W. — Director of Farm Relations, Dean Milk Company, 3600 River Road, Franklin Park, Illinois
*__Deyoe, G. P.__ — Professor, Agricultural Education and Chairman, Illinois Council on Community Schools
Dobyns, O. T. — State Conservation Engineer, Soil Conservation Service, 605 South Neil, Champaign, Illinois
*__Eaton, R. C.__ — Instructor, Animal Science
Echternach, Harold P. — Secretary-Manager, Illinois Food Locker Division, 105 West Monroe Street, Chicago
*__Esplin, A. L.__ — Assistant, Animal Science
*__Fehrenbacher, J. B.__ — Assistant Professor, Soil Physics
*__Finley, R. M.__ — Extension Specialist, Farm Management
Flessner, Harold — Evangelical United Brethren Church, Bonfield, Illinois
*__Folse, C. L.__ — Associate Professor, Rural Sociology
*__Fosler, G. M.__ — Instructor, Floriculture
Friedrich, Bob — Rural Youth Committee Member, Route 2, Havana, Illinois
*__Gardner, K. E.__ — Acting Head, Department of Dairy Science
*__Graham, Robert__ — Dean, College of Veterinary Medicine
*__Guiher, J. K.__ — Assistant Professor, Forestry
Guthrie, Ralph A. — Supervisor, Illinois State Board of Vocational Education, 1119 South Sixth, Springfield, Illinois
*__Hackleman, J. C.__ — Professor, Crops Extension
*__Hamilton, T. S.__ — Associate Director, Agricultural Experiment Station
*__Hamlin, H. M.__ — Chairman, Division of Agricultural Education
*__Harshbarger, K. E.__ — Assistant Professor, Dairy Production
*__Hatfield, E. E.__ — Assistant Professor, Animal Science
Heath, Vernon L. — Chairman, Planning Committee, Illinois Pre-White House Conference on Education, President, Heath Candy Company, Robinson, Illinois
Heiser, Leslie — Superintendent, Division of Conservation, State Department of Agriculture, Springfield, Illinois
*__Henry, David Dodds__ — President, University of Illinois
Herron, E. S. — Secretary-Treasurer, Illinois Grain Dealers Association, Gilman, Illinois
*__Hieronymus, T. A.__ — Associate Professor, Agricultural Economics
*__Hinchcliff, K. H.__ — Professor, Farm Structures
Hine, James R. — Pastor, McKinley Presbyterian Church, 809 South Fifth, Champaign, Illinois
Hinkle, C. N. — Agricultural Engineer, Sales Technical Service, Standard Oil Company (Indiana), 910 South Michigan Avenue, Chicago
*__Hittle, C. N.__ — Assistant Professor, Plant Genetics
*__Howard, Louis B.__ — Dean, College of Agriculture

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* Staff members, University of Illinois

*Howell, R. W. — Plant Physiologist, United States Regional Soybean Laboratory

Hughes, Earl M. — Administrator, Agricultural Stabilization Service, Agricultural Marketing Service, United States Department of Agriculture, Washington 25, D.C.

Ingersoll, F. S. — Manager, Illinois Seed Producers Association, 107 North Fifth, Champaign, Illinois

*Inselberg, Edgar — Assistant, Agronomy

*Iwig, Dorothy — Associate Professor, Home Furnishings Extension

*Jackobs, J. A. — Professor, Crop Production

*Jacob, W. C. — Professor, Agronomy

*Janssen, Mrs. Pearl Z. — Associate Professor, Home Economics

*Jedele, D. G. — Assistant Professor, Farm Structures

*Johnson, B. C. — Professor, Animal Nutrition

Johnson, Glenn — Supervisor, Motor Transportation, Bowman Milk Company, 140 West Ontario Street, Chicago 10

Johnson, Howard F. — Supervisor, Bulk Tank Program, Pure Milk Association, 608 South Dearborn, Chicago 5

Johnson, L. E. — Head, Animal Husbandry Department, Iowa State College, Ames, Iowa

Johnson, Luther — Member, Illinois Delegation to White House Conference on Education; Member, Board of Education, Warsaw, Illinois

*Johnson, P. E. — Assistant Professor, Soil Fertility

*Johnson, Walter M. — Associate Professor, Architecture

*Jokela, J. J. — Research Associate, Forestry

*Jordan, G. L. — Professor, Agricultural Economics

*Jugenheimer, R. W. — Professor, Plant Genetics

*Kammlade, W. G. — Associate Director, Extension Service

*Kamp, J. R. — Associate Professor, Floriculture

*Kastelic, Joseph — Professor, Animal Nutrition

*Kemmerer, H. R. — Instructor, Landscape Gardening Extension

*Kendall, K. A. — Associate Professor, Dairy Production

Killion, Carl E. — Chief Apiary Inspector, Paris, Illinois

Kirby, Mrs. Donnabelle — Instructor, Physical Education, Champaign Public Schools, 113 East White, Champaign, Illinois

*Kleis, R. W. — Assistant Professor, Rural Electrification

Koch, Mary Ellen — Rural Youth Committee Member, Mt. Sterling, Illinois

*Koehler, Benjamin — Professor, Crop Pathology

*Krausz, N. G. P. — Associate Professor, Agricultural Law

*Krebs, A. H. — Associate Professor, Agricultural Education

*Kurtz, L. T. — Professor, Soil Fertility

Lambert, W. V. — Dean and Director, College of Agriculture, University of Nebraska, Lincoln, Nebraska

*Lang, A. L. — Professor, Soil Fertility

Langston, Ira — President, Eureka College, Eureka, Illinois

*Lanham, F. B. — Head, Department of Agricultural Engineering

Leiper, L. M. — Deputy Apiary Inspector, Belleville, Illinois

*Leng, E. R. — Associate Professor, Agronomy

*Linn, M. B. — Professor, Plant Pathology; Acting Head, Department of Plant Pathology

*Lorenz, R. W. — Professor, Forestry

MacNeill, Vernon H. — Executive Secretary, Illinois Church Council, 100 West Adams Street, Springfield, Illinois

Maddox, Joe — Farmer, Beason, Illinois

Maltas, K. J. — A. E. Staley Manufacturing Company, Decatur, Illinois

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Mason, Judson P. — Economist, National Milk Producers Federation, 1731 Eye Street, Washington, D. C.
***McAuley, Mary** — Instructor, Home Economics
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McCoy, George — Farmer, Philo, Illinois
***McKee, Mary A.** — Assistant Professor, Home Economics 4-H Club Work
***McKibben, G. E.** — Assistant Professor, Agricultural Research and Extension, Dixon Springs Experiment Station, Robbs, Illinois
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***Milum, V. G.** — Apiculturist, Department of Entomology
***Mitchell, G. E.** — Assistant, Animal Science
***Moody, D. W.** — Assistant, Animal Science
***Mueller, A. G.** — Research Associate, Farm Management
***Muirheid, B. F.** — Assistant Professor, Agricultural Engineering
***Mutti, R. J.** — Associate Professor, Agricultural Economics
***Nalbandov, A. V.** — Professor, Animal Physiology
Nelson, Bonnie — Rural Youth Committee Member, 191 North Prairie, Galesburg, Illinois
***Nelson, R. E.** — Associate Extension Forester
***Neumann, A. L.** — Professor, Animal Science
Newman, Harold — Farmer, Griggsville, Illinois
Nonamaker, Fred — Associated Milk Dealers, Inc., 309 West Jackson, Chicago
***Norton, L. J.** — Head, Department of Agricultural Economics
Nuveen, John — Banker; Vice President, Chicago Council of Foreign Relations, 116 South Michigan, Chicago 3
***Odell, R. T.** — Professor, Soil Physics
***Oebker, N. F.** — Assistant Professor, Vegetable Crops
***Ormiston, E. E.** — Assistant Professor, Dairy Production
Overstreet, C. L. — Watershed Party Leader, Soil Conservation Service, Post Office Building, Urbana, Illinois
***Owen, F. W.** — Instructor, Pomology
***Owens, L. D.** — Assistant, Agronomy
***Parsons, M. G., Jr.** — Assistant Professor, Bureau of Business Management
***Peart, R. M.** — Associate, Rural Electrification
Pendell, George — Secretary, Chamber of Commerce, Mattoon, Illinois
***Pendleton, J. W.** — Assistant Professor, Crop Production
***Peters, D. B.** — Assistant Professor, Agronomy
***Peterson, K. R.** — Research Associate, Forestry
***Petty, H. B.** — Associate Professor, Entomology
***Phipps, L. J.** — Associate Professor, Agricultural Education
***Pickard, G. E.** — Professor, Power and Machinery
Pidcock, J. L. — Manager, Illinois Cooperative Locker Association, 43 East Ohio Street, Chicago 11
***Powell, Dwight** — Professor, Plant Pathology
***Puckett, H. B.** — Agricultural Engineer, Agricultural Research Service, U. S. Department of Agriculture
***Purnell, W. F.** — Associate Professor, Soils
***Regnier, E. H.** — Extension Recreationist
***Reiss, F. J.** — Assistant Professor, Agricultural Economics
***Rennels, R. G.** — Assistant Professor, Forestry

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* Staff members, University of Illinois

*Roush, J. R. — Research Associate, Agricultural Marketing
Ruckman, Ken — Rural Youth Committee Member, Route 1, Farmer City, Illinois
*Russell, M. B. — Head, Department of Agronomy
Sampson, Mrs. Edith S. — Attorney at Law, 1120 East 48th Street, Chicago 15
*Sauer, E. L. — Agricultural Economist, U. S. Department of Agriculture
*Scholten, H. — Assistant Extension Forester
*Schumaier, C. P. — Assistant Professor, Agricultural Economics
*Schwiesow, W. F. — First Assistant, Rural Electrification
*Sears, O. H. — Professor, Soil Biology
Sellmyer, Mary — Rural Youth Committee Member, Saunemin, Illinois
*Shaul, Verrollton C. — Director, Illinois Rural Chorus
*Shawl, R. I. — Professor, Farm Machinery
*Simerl, L. H. — Extension Economist, Marketing
*Slife, F. W. — Assistant Professor, Crop Production
*Smith, C. D. — Assistant Dean, College of Agriculture
*Smith, Janice M. — Head, Department of Home Economics
*Spaeth, J. N. — Head, Department of Forestry
*Speer, W. S. — Agronomy Specialist, Soil Conservation Service, U. S. Department of Agriculture
Sprau, George — Teacher, Vocational Agriculture, Watseka, Illinois
*Spurrier, E. C. — Assistant, Agronomy
Stadelman, W. J. — Associate Professor, Poultry Science, Purdue University, LaFayette, Indiana
*Staheli, D. L. — Assistant, Animal Science
*Stauffer, R. S. — Associate Professor, Soil Physics
Sterrett, Robert G. — Pastor, Presbyterian Church, Tuscola, Illinois
*Stewart, C. L. — Professor, Agricultural Economics
*Stice, L. F. — Extension Economist, Marketing
*Suchman, J. Richard — Assistant Professor, Child Development and Family Relationships
*Sullivan, Catherine — Assistant Professor, Home Management Extension
*Sullivan, E. F. — Assistant Professor, Agronomy
*Swanson, E. R. — Associate Professor, Farm Management
*Takeshita, R. M. — Agent, Bureau Cereal Crops, U. S. Department of Agriculture
Taylor, Hoyt — Secretary, Illinois State Beekeepers Association, Pleasant Plains, Illinois
Temple, William — American Sheep Producers' Council, Serena, Illinois
*Terrill, S. W. — Professor, Animal Science
Thompson, Ty — Service Director, National Committee on Boys' and Girls' Club Work, 59 East Van Buren, Chicago
*Thompson, W. N. — Assistant Professor, Farm Management
*Titus, J. S. — Assistant Professor, Pomology
*Tracy, Paul H. — Professor, Dairy Technology
Trimble, Loren C. — Manager, Territorial Information, Commonwealth Edison Company, 72 West Adams, Chicago
*Troyer, A. F. — Assistant, Agronomy
Tucker, Roy — Locker Operator, Hillsboro, Illinois
*Tyner, E. H. — Professor, Soil Fertility
*Van Arsdall, Roy N. — Agricultural Economist, U. S. Department of Agriculture
*Van Doren, C. A. — Project Supervisor, Soil and Water Conservation Research, U. S. Department of Agriculture
Van Tuyle, Henry — Member, Illinois Delegation to White House Conference on Education, Manchester, Illinois

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* Staff members, University of Illinois

Vaupel, Mrs. Milton — President, Illinois Home Bureau Federation, Ashton, Illinois
*Vetter, R. L. — Assistant, Animal Science
Vizzard, James L. — National Catholic Rural Life Conference, Georgetown University, Washington, D. C.
Wahls, Marvin — Deputy Apiary Inspector, Chenoa, Illinois
*Walker, Clareta — Assistant Professor, Rural Youth
*Walker, D. E. — Instructor, Animal Science
*Walters, C. S. — Associate Professor, Forestry
*Weber, J. A. — Assistant Professor, Power and Machinery
*Weibel, R. O. — Assistant Professor, Crop Production and Plant Genetics
*Weinard, F. F. — Professor, Floriculture
*Weiss, J. N. — Associate Professor, Agricultural Education
*Wetzel, H. J. — Instructor, Agricultural 4-H Club Work
Will, Roy — Director, Special Services, Illinois Agricultural Association, 43 East Ohio, Chicago 11
*Williams, M. C. — Assistant, Agronomy
*Williams, Sheldon — Associate Professor, Dairy Marketing
*Wills, J. E. — Professor, Farm Management
Wilson, G. H. — Pastor, Disciples of Christ, Mackinaw, Illinois
*Woodworth, C. M. — Professor, Plant Genetics
*Wright, J. M. — Associate Entomologist, State Natural History Survey
*Yapp, W. W. — Professor, Dairy Cattle Breeding

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* Staff members, University of Illinois

COMMITTEES

FARM AND HOME WEEK

R. W. Kleis, chairman; D. J. Bray, J. H. Byers, L. E. Hanson, T. A. Hieronymus, R. A. Jarnagin, Carolyn Land, Mary S. Ligon, L. E. McKinzie, N. F. Oebker, Anna Searl, F. W. Slife, M. P. Steinberg, Duane Swarts, C. S. Walters, J. A. Weber, Helen Zwolanek, Ruth Gorrell and Stella Mosborg, secretaries

BUDGET

R. W. Kleis, chairman; Mary S. Ligon, Stella Mosborg, F. W. Slife, C. S. Walters

EXHIBITS

R. J. Mutti, chairman; L. E. Anderson, J. H. Behrens, B. C. Breidenstein, R. E. Brown, T. W. Curtin, G. M. Fosler, R. H. Hageman, L. E. Hanson, M. P. Steinberg, J. A. Weber, G. B. Whitman

GENERAL SESSIONS

T. A. Hieronymus, chairman; H. W. Bean, L. E. McKinzie, Anna Searl, S. W. Terrill

INFORMATION AND PUBLICITY

R. A. Jarnagin, chairman; Margaret R. Goodyear, Ruth Gorrell, Jessie E. Heathman, T. A. Hieronymus, J. K. McDermott, C. S. Walters

MUSIC AND DRAMA FESTIVAL

E. H. Regnier, chairman; W. W. Bauder, O. F. Gaebe, H. H. Gordon, R. F. Hacker, Verrollton C. Shaul, Marion Sympson

OPEN HOUSE

H. R. Brunnemeyer, Catherine M. Sullivan, co-chairmen; H. W. Bean, Margueritte Briggs, K. Virginia Seidel

RECREATION

R. O. Lyon, chairman; Cleo Hall, C. P. Schumaier

REGISTRATION AND HOUSING

F. H. Mynard, chairman; Geraldine E. Acker, W. F. Bulkley, Mary S. Ligon, H. L. Sharp

RURAL ARTS SHOW

E. H. Regnier, chairman; L. E. Anderson, D. A. Brown, Jessie E. Heathman, Dorothy O. Twardock

SIGNS

C. S. Walters, chairman; J. H. Behrens, B. A. Jones, and members of Exhibits Committee

SQUARE AND FOLK DANCE

E. H. Regnier, chairman; H. R. Brunnemeyer, Erma Cottingham, Ed Dalhaus, Irma Hays, E. A. Scholer, C. P. Schumaier, Florence Thomas, Clareta Walker, H. J. Wetzel, Roy Will

SUNDAY EVENING CONVOCATION

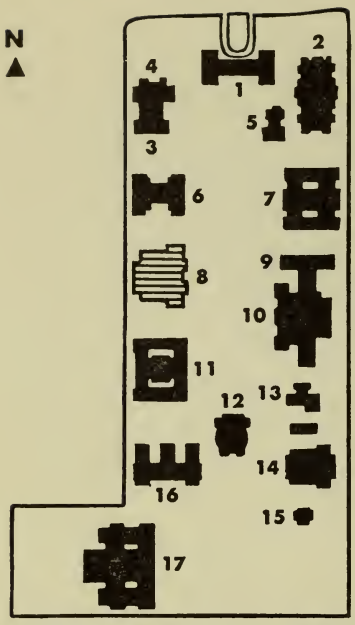
Gertrude E. Kaiser, R. I. Shawl, co-chairmen; H. W. Bean, W. L. Burlison

USHERS

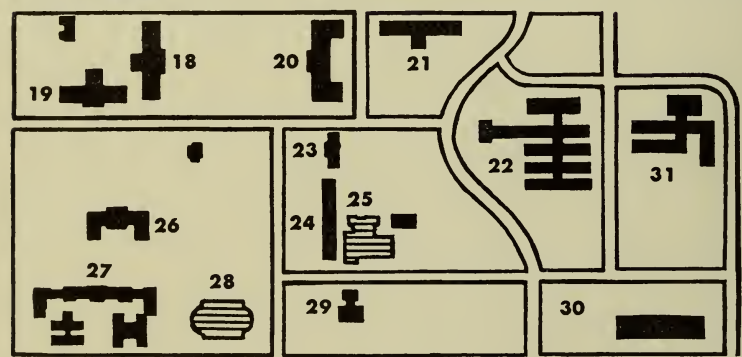
G. W. Harpestad, chairman

NOTES

NOTES



1 ILLINI UNION
2 NATURAL HISTORY
3 ALTGELD HALL
4 MATHEMATICS
5 HARKER HALL
6 ADMINISTRATION
7 NOYES LABORATORY OF CHEMISTRY
8 BEVIER HALL
9 CHEMISTRY ANNEX
10 DAVENPORT HALL
11 LINCOLN HALL
12 AUDITORIUM
13 AGRONOMY ANNEX AND GREENHOUSE
14 SMITH MUSIC HALL
15 OBSERVATORY
16 GREGORY HALL
17 LIBRARY
18 DAVID KINLEY HALL
19 ARCHITECTURE
20 MUMFORD HALL
21 ANIMAL SCIENCES LABORATORY
22 FLORICULTURE
23 ANIMAL GENETICS
24 AGRICULTURAL ENGINEERING BUILDING AND RESEARCH LABORATORY
25 AGRICULTURAL ENGINEERING
26 VETERINARY CLINIC
27 NATURAL RESOURCES
28 STOCK JUDGING PAVILION
29 DAIRY MANUFACTURES
30 VETERINARY MEDICINE
31 VEGETABLE CROPS BUILDING



VIVARIUM BUILDING — 1 block north and 1 block west of Illini Union

Visit the Exhibits

Features NEW in 1956:

Town and Country Amateur Art Show
Early American primitive home equipment
Primitive corn shelling machinery
New corn combines

Plus

Numerous displays telling about current research and activities of your COLLEGE OF AGRICULTURE

For further information see page 4.

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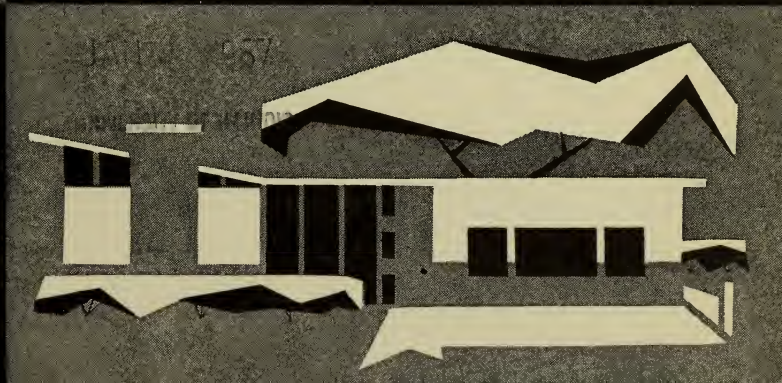
1957

56th annual

farm and home week

JANUARY 27-31, 1957
UNIVERSITY OF ILLINOIS
COLLEGE OF AGRICULTURE
URBANA



UNIVERSITY OF ILLINOIS

bulletin

YOUR COLLEGE OF AGRICULTURE SERVES YOU!

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TO THE FARMERS AND HOMEMAKERS OF ILLINOIS

Farm and Home Week began as a meeting of seventeen farmers who organized the Illinois Corn Growers' Association. That Association and the Stockmen's Convention were held concurrently until 1923, when these two groups merged and held a "Farmers' Week." Homemaking and other subjects were added, and in 1929 the program was given the now familiar title of Farm and Home Week.

This year we present our fifty-sixth program with a number of improvements, including topics from agronomy to zymology. The Agricultural Experiment Station has brought to light many new and important facts about foods, soils, crops, and animals. Many homemaking activities will be discussed as a result of our search for methods and materials which will yield more contentment and happiness, less labor, and a reduction in the cost of family living.

I am sure you will want to become better acquainted with the new developments, to greet your old friends, and to become personally acquainted with our staff. These and other benefits accrue to those attending Farm and Home Week. I hope you will come for the whole period but, if you cannot, then I hope you will attend as many of the sessions as you can.

Louis B. Howard

LOUIS B. HOWARD
Dean and Director
College of Agriculture

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INFORMATION FOR FARM AND HOME WEEK GUESTS

FIRE SAFETY REGULATIONS of the Board of Trustees of the University of Illinois require that all aisles and entrances in University buildings be kept clear. Although the Farm and Home Week Committee has attempted to provide large enough rooms for every meeting, there may be overflow crowds at some sessions. Since these regulations do not permit anyone to block the aisles or entrances, the College of Agriculture hopes guests will be prepared to select another session if a meeting has already been filled.

PARKING in all University lots is open to persons attending Farm and Home Week. Please observe all parking rules as they are posted.

REGISTRATION AND INFORMATION HEADQUARTERS will be maintained in the Main Lounge, first floor Illini Union, from 3:00 p.m., Sunday, January 27 through Thursday, January 31. Also, information and registration booths will be in the foyer of the Auditorium; lobby of Lincoln Hall; Bevier Hall; first floor, Mumford Hall and Agricultural Engineering building Monday, January 28 through Wednesday, January 30. Every visitor is urged to register. There is no charge, and information concerning the 1958 program will be sent to those who register this year.

ROOM ACCOMMODATIONS in University Residence Halls will be ample for all Farm and Home Week visitors. Rooms are available at Busey Hall, Evans Hall, and Lincoln Avenue Residence for women, Men's Residence Hall for men, Lincoln Avenue Residence for couples and children. Rates in the residence halls are $2.75 for double or triple rooms, $4.00 for single rooms, and $1.50 for children under 12. Bedding and towels are furnished. Rooms will be available from 3:00 p.m. Sunday, January 27, and should be vacated by noon on Thursday, January 31.

TICKETS for banquets, luncheons, and Music and Drama Festival for sale between 8:00 a.m. and 5:00 p.m., daily, at Box Office, main floor, Illini Union. Music and Drama Festival tickets *also* available at Auditorium Box Office.

Illinois Home Bureau Federation reserved tickets for coffee hour, luncheon, and president's dinner may be obtained *only* at the Registration Desk, Illini Union, on Sunday and Monday, or between 8:00 a.m. and 9:00 a.m. on Tuesday at the federation registration desk in foyer of the Auditorium.

MEALS are served at the Illini Union as indicated: **Colonial room** — Sunday buffet 5:30 p.m.-7:00 p.m.; week days — lunch, 11:45 a.m.-1:30 p.m. and dinner, 5:45 p.m.-7:30 p.m. **Cafeteria** — breakfast, 7:00 a.m.-8:30 a.m.; lunch, 11:10 a.m.-1:15 p.m. and dinner, 5:15 p.m.-7:00 p.m. Lunches will be served in the Agricultural Engineering building from 8:00 a.m. to 5:00 p.m. daily; and on Thursday from 8:00 a.m. to 3:00 p.m. There are also several restaurants near the campus.

MAPS of the campus and surrounding vicinity are available at the registration desks. See also back of program.

ICE SKATING Ice Rink — open 7:30 p.m. to 10:00 p.m. daily. Rented skates are available. Admission charge.

PUBLICATIONS — Bulletins, circulars, and other printed information of the College of Agriculture are on display in the Auditorium. Cards are provided on which requests may be made for any of the publications.

LOST AND FOUND articles should be reported or turned in to the Registration headquarters, Illini Union; Auditorium, and Lincoln Hall.

ILLNESS OR ACCIDENTS should be reported promptly to the Registration Desk in the Illini Union. First Aid service will be rendered by the University Health Station, 807 South Wright Street, Champaign, telephone University Extension 421. After hours a doctor is on call at McKinley Hospital, Bell telephone 7-1113.

FOR THOSE WHO CANNOT ATTEND

Arrangements have been made to broadcast as much of the Farm and Home Week program as possible over station W I L L, 580 on your radio dial. Features to be broadcast will be announced each day of Farm and Home Week at 8:45 a.m., and during the regular Farm and Home programs. Farm and Home Week features will be televised over W I L L, channel 12, and WCIA, channel 3, during the week.

EXHIBITS, DEMONSTRATIONS, AND TOURS

Tours

THE DEPARTMENT OF HOME ECONOMICS invites all Farm and Home Week guests to tour its new buildings: Bevier Hall and Child Development Laboratory.

Tours start in Room 180 (the Auditorium), Bevier Hall, at the following times: Monday, January 28, 4:15 to 5:30 p.m., 7:00 to 8:30 p.m.; Tuesday, January 29, 10:00 to 11:15 a.m., 1:30 to 2:45 p.m., 4:15 to 5:30 p.m.; Wednesday, January 30, 4:15 to 5:30 p.m.; Thursday, January 31, 1:30 to 2:45 p.m.

For further details see the special home economics tour brochure. Ask for your copy at the Registration Desk, Illini Union.

FARM ELECTRIFICATION RESEARCH LABORATORY TOUR — 10:45 a.m., Thursday.

FLORICULTURE GREENHOUSES — 2:00 p.m., Monday through Wednesday. Start from 103 Floriculture Building.

Exhibits and Demonstrations

STOCK PAVILION — 8:00 a.m. to 5:00 p.m., daily.
Buttons to Barns; Diseases of Plants; 4-H X-tra Corn Yield Exhibit; Minimum Tillage Machines for Corn; What Is Food Technology?

MICROBES, MEAT, AND MILK EXHIBIT — 162 Animal Sciences Laboratory — 11:20 a.m. to 1:00 p.m., and 4:00 to 5:30 p.m. — Tuesday and Wednesday.

HORTICULTURAL EXHIBITS AND GARDENING INFORMATION BOOTHS — 101 Floriculture Building — 9:00 a.m. to 12:00 noon; 1:00 to 3:00 p.m., Monday through Wednesday. Specialists will be there to answer your individual gardening problems.

GRAIN DRYING AND ELECTRICAL FEED HANDLING EQUIPMENT — Agricultural Engineering Research Laboratory — 8:00 a.m. to 5:00 p.m., daily.

LEARN TO SAVE LIVES: HOT-LINE DEMONSTRATION — 150 Veterinary Medicine — 1:00 p.m., Monday.

TOWN AND COUNTRY ART SHOW — Lower Gym, English Building — 8:30 a.m. to 5:00 p.m., daily.

SOIL TESTING LABORATORY — 129 Davenport Hall — 8:00 a.m. to 12:00 noon; 1:00 to 5:00 p.m., daily.

SOUTH FARMS — Agronomy Seed House; beef cattle, dairy cattle, poultry, sheep and swine barns — 8:00 a.m. to 5:00 p.m., daily.

SUNDAY, JANUARY 27

3:00 Registration — Main Lobby, Illini Union Building

EVENING CONVOCATION Smith Music Hall W. W. Yapp, presiding

7:30 Invocation and Scripture Reading — John H. Blough
7:40 Champaign High School A Cappella Choir — Verrollton C. Shaul, director
8:00 Many Symptoms, One Disease — Carolee Little
8:30 Group Singing — Verrollton C. Shaul
8:50 Benediction — John H. Blough

MONDAY, JANUARY 28

MORNING

TOWN AND COUNTRY ART SHOW Lower Gym, English Building

10:00 Gallery Talk: Drawing — Ernesto De Soto

AGRICULTURAL OUTLOOK Auditorium G. L. Jordan, presiding

10:00 Price Prospects for
Poultry and Eggs — J. R. Roush
Dairy Products — R. W. Bartlett
Hogs, Cattle, and Lambs — E. E. Broadbent
Corn and Soybeans — T. A. Hieronymus
11:00 Prospects for Consumer Demand — V L. Bassie
11:30 Adjourn

HORTICULTURE 103 Mumford Hall G. M. Fosler, presiding

9:00 Roses for Every Garden — F. F. Weinard
10:00 The Flower Garden Where Nothing Grows — J. R. Kamp
11:00 Reduce Lawn Mowing with Ornamental Ground Covers — H. R. Kemmerer
11:30 Adjourn

128 Mumford Hall N. F. Oebker, presiding

10:00 Movies — Vegetable Gardening
11:00 Stump the Experts with Your Vegetable Gardening Problems — C. Y. Arnold, M. B. Linn, J. M. Wright
11:30 Adjourn

101 Floriculture Building

9:00 Horticultural Exhibits
Gardening Information Booths — C. E. Ackerman, H. R. Kemmerer, N. F. Oebker, F. W. Owen
12:00 Adjourn

RURAL YOUTH 100 Gregory Hall Clareta Walker and Dorothy Laun, presiding
Theme: Help Yourself to Learning

10:00 Registration
10:30 Buzz Sessions
10:55 Learn to Be Teachable — Henning Larsen
11:30 Adjourn

4-H X-TRA CORN YIELD BANQUET Ballroom Illini Union

11:45 Sponsored by Illinois Farm Supply. Admission by invitation.

MONDAY AFTERNOON

HOMEMAKERS' PROGRAM Lincoln Hall Theatre Lulu S. Black, presiding

1:00 Washday Wisdom — Anne Lyng
2:00 Today's Youth and Tomorrow's World — James R. Hine
3:00 General Session
4:15 Tours through Bevier Hall and Child Development Laboratory

RURAL YOUTH 150 Veterinary Medicine
Dick Cassady and O. L. Hogsett, presiding

1:00 Learn to Save Lives: Hot-Line Demonstration — C. M. Scott, Glenn Strong
3:00 General Session

RURAL PASTORS' AND LAY LEADERS' SHORT COURSE

2:00 Denominational meetings (check at Illini Union registration desk for place)
3:00 General Session

SMALL GRAIN 112 Gregory Hall C. M. Woodworth, presiding

1:00 Special Plant Breeding Methods — O. T. Bonnett
1:30 Techniques of Pathological Studies on Small Grains — R. M. Endo
2:00 Characteristics of the Recommended Spring and Winter Oat Varieties — C. M. Brown
2:30 Wheat and Barley Varieties in Illinois — R. O. Weibel
3:00 General Session

HORTICULTURE 103 Mumford Hall F. F. Weinard, presiding

1:00 Arranging Flowers for the Occasional Table — J. R. Culbert
3:00 General Session

127 Mumford Hall J. S. Titus, presiding

1:00 Fruit Tree Pruning Demonstration — F. W. Owen
1:30 Spraying Made Easy — Dwight Powell

2:00 Grape Time — F. W. Owen
2:30 That New Protecting Cover for Grapes — Dwight Powell
3:00 General Session

101 Floriculture Building

1:00 Horticultural Exhibits
Gardening Information Booths — C. E. Ackerman, H. R. Kemmerer, N. F. Oebker, F. W. Owen
3:00 General Session

103 Floriculture Building D. C. Saupe, in charge

2:00 Conducted Tours through Floriculture Greenhouses
3:00 General Sessions

NATIONAL FARM POLICY Auditorium H. C. M. Case, presiding

1:00 Effects of Past and Present Farm Programs on
Markets for Farm Products — L. H. Simerl
Production of Farm Products — W. N. Thompson
2:00 Problems in Managing Our $8,000,000,000 Surplus — Earl M. Hughes
3:00 General Session

REVIEW OF FLOOD CONTROL PROPOSALS 201 Agricultural Engineering
F. B. Lanham, presiding

1:00 Flood Retention Reservoirs — B. F. Muirheid
1:25 Upstream Flood Control and Soil Conservation — R. C. Hay
1:50 Small Watershed Program — B. A. Jones
2:20 Discussion
3:00 General Session

BUTTONS TO BARNS Stock Pavilion R. E. Nelson and K. R. Peterson, presiding

12:00 Exhibits and Discussions on Trees and Wood Use
3:00 General Session
4:15 Exhibits and Discussions on Trees and Wood Use
5:30 Adjourn

GENERAL SESSION Auditorium W. G. Kammlade, presiding

3:00 Music
The American Farm Family's Interest in Expanding World Economy — E. N. Holmgreen, Director, Office of Food and Agriculture, International Cooperation Administration, Washington, D. C.

MONDAY EVENING

RURAL YOUTH Ballroom Illini Union

†5:45 Banquet
Toastmistress — Mary Mossman
Group Singing — E. W. Dalhaus
Learn To Be Free — Paul C. Johnson

RURAL PASTORS' AND LAY LEADERS' SHORT COURSE University Place Christian Church Arnold H. Kaitschuk, presiding

†5:30 Annual Dinner
Who Are the New People? — Rockwell Smith
Recognition of George M. Nell

FARM AND HOME WEEK OPEN HOUSE Illini Union

6:30-11:00 p.m.

For Your First Evening at Farm and Home Week!

There will be entertainment: music, armchair tours to lands far and near, exhibits and demonstrations to catch your interest and test your skill, square and social dancing, and a floor show.

There will be opportunity to greet old friends, to make new ones, to visit with them all.

All Farm and Home Week visitors, faculty, and friends are invited to come and join in the fun and fellowship. Get your program at the door.

HOME ECONOMICS TOURS

7:00 Bevier Hall and Child Development Laboratory

† Charge for admission.

TUESDAY, JANUARY 29

MORNING

ILLINOIS HOME BUREAU FEDERATION Auditorium
Mrs. E. D. McGuire, presiding

8:00 Registration
9:00 Annual Meeting
†12:00 Federation Luncheon — Ballroom, Illini Union

HOMEMAKERS' PROGRAM

10:00 Tours through Bevier Hall and Child Development Laboratory

Since all women may not wish to go to the Illinois Home Bureau Federation sessions, some of you may enjoy:

Horticulture Programs at 9:00 and 10:00 a.m. — see page 11
Rural Pastors' Short Course at 9:00 a.m. — see page 13
The Farmer Looks at the Soil Bank at 9:30 a.m. — see page 12
Town and Country Art Show at 10:00 a.m. — see page 14

ILLINOIS STATE ASSOCIATION OF FARM ADVISERS
Latzer Hall, University YMCA

8:30 Annual Meeting

BUTTONS TO BARNS Stock Pavilion J. N. Spaeth and R. G. Rennels, presiding

8:00 Exhibits and Discussions on Trees and Wood Use
12:00 Adjourn

HORTICULTURE 103 Mumford Hall G. M. Fosler, presiding

9:00 Roses for Every Garden — F. F. Weinard
10:00 The Flower Garden Where Nothing Grows — J. R. Kamp
11:00 Reduce Lawn Mowing with Ornamental Ground Covers — H. R. Kemmerer
11:30 Adjourn

128 Mumford Hall N. F. Oebker, presiding

10:00 Movies — Vegetable Gardening
11:00 Stump the Experts with Your Vegetable Gardening Problems — C. Y. Arnold, M. B. Linn, J. M. Wright
11:30 Adjourn

101 Floriculture Building

9:00 Horticultural Exhibits
Gardening Information Booths — C. E. Ackerman, H. R. Kemmerer, N. F. Oebker, F. W. Owen
12:00 Adjourn

† Charge for admission.

REDUCE TILLAGE FOR CORN 201 Agricultural Engineering
G. E. Pickard, presiding

9:00 Panel: Farmers' Experience with Minimum Tillage — Wendell Bowers and J. B. Turner, leaders; William Malone, Raymond Shafer, Vernon Veatch
10:00 Results of Plow-Plant Demonstrations — Wendell Bowers
10:20 Four Years of Research on Tillage for Corn — H. P. Bateman
10:40 Corn Planter Adjustment for Accuracy — M. S. Barker
11:30 Adjourn

THE FARMER LOOKS AT THE SOIL BANK Lincoln Hall Theatre
J. C. Everly, presiding

9:30 The Soil Bank — What Is It? — R. M. Finley
9:45 Why I Plan to Participate in the Soil Bank — Ira E. Hamer
10:00 Why I Cannot Participate in the Soil Bank — Warren Moffett
10:15 Panel: R. M. Finley, moderator; Sidney V. Caughey, L. B. Culver, Ira E. Hamer, Warren Moffett, B. F. Muirheid, W. F. Purnell, O. L. Whalin

AGRONOMY 112 Gregory Hall

8:00 Question Box on Small Grains — W. F. Purnell, leader

FORAGE CROPS 112 Gregory Hall J. C. Hackleman, presiding

9:00 Seeding Mixtures for Soil-Bank Acres — E. C. Spurrier
9:15 Forage Sorghums in Illinois — H. L. Portz
9:35 Management of Tall Fescue and Bromegrass Alone and in Mixtures — A. W. Burger
9:55 Lespedeza in Southern Illinois — G. E. McKibben
10:15 Alfalfa — Varieties and Seed Supply — W. O. Scott
10:30 The Spotted Alfalfa Aphid: A New Insect in Illinois — H. B. Petty
10:55 Establishing Legume Seedlings — J. W. Pendleton
11:15 Orchard Grass: Varieties and Clipping Management — E. C. Spurrier
11:30 Adjourn

DAIRY PRODUCTION 424 Mumford Hall G. W. Salisbury, presiding

9:30 Green Feeding vs. Grazing for Milk Production — K. E. Harshbarger
9:50 Recent Calf Feeding Studies — K. E. Gardner
10:10 Problems in Making and Feeding Grass Legume Silage — K. A. Kendall
10:35 Keep Them Calving — N. L. VanDemark
10:55 National Cooperative Dairy Herd Improvement Program — J. G. Cash

DAIRY SCIENCE AND ANIMAL NUTRITION 162 Animal Sciences Laboratory

11:20 to 1:00 Microbes, Meat, and Milk: An exhibit showing the association of rumen microorganisms with the utilization of fibrous feeds by farm animals

DAIRY MARKETING 135 Animal Sciences Laboratory W. W. Yapp, presiding

9:00 Are Cooperative Payments Desirable Under a Federal Milk Order? — Russell Spaulding

9:30 Should the Use of Federal Milk Orders Be Eliminated or Expanded?
From the Producer's Viewpoint — Herbert Argue
From the Distributor's Viewpoint — Fred Nonamaker

10:30 New Techniques Used in Merchandising Milk and Milk Products in Southern Markets — James E. Reeves

11:00 How Will the Sale of Fresh Concentrated Milk in the South Help Illinois Farmers? — A. L. McWilliams

11:30 Adjourn

RURAL PASTORS' AND LAY LEADERS' SHORT COURSE

8:00 Roman Catholic Mass, St. John's Chapel, Sixth and Armory

8:15 Devotions, General Lounge, Illini Union
Elvin D. Frantz, Presiding
Meeting: 314(S) Illini Union Wayne W. Hoxsie, presiding

9:00 Integration in Open-Country Parishes — Calvin Schnucker

10:15 Discussion and Summary

11:45 Adjourn

VETERINARY MEDICINE 150 Veterinary Medicine C. A. Brandly, presiding

9:00 Welcome — C. A. Brandly

9:05 Movie — Mastitis Can Be Controlled

9:30 Bovine Mastitis: Prevention and Control — R. A. Packer

10:15 Field Studies in Illinois — P. D. Beamer

10:30 Herd Control — F. F. Densmore, Russell Mathews

10:50 Antibiotics in Market Milk — S. L. Tuckey

11:15 Questions from Audience
Panel: C. A. Brandly, moderator, P. D. Beamer, L. R. Davenport, F. F. Densmore, Russell Mathews, R. A. Packer, S. L. Tuckey, G. T. Woods

ILLINOIS FARM SPORTS FESTIVAL DANCE FINALS Women's Gym

8:30 Registration North Room

9:00 Dance Festival South Room Roy Will, presiding
Judges — Donnabelle Kirby, Joe Maddox

11:30 Adjourn

GRAIN MARKETING — CURRENT PROBLEMS 114 David Kinley Hall
T. A. Hieronymus, presiding

9:00 Factors in Building Elevator Storage Space — L. F. Stice
9:30 Changes in Markets for Illinois Grains — C. P. Schumaier
10:00 Elevator Audit Analysis — R. J. Mutti
10:30 Field Shelling of Corn: Costs and Problems — V. W. Davis
11:00 Discussion
11:30 Adjourn

TOWN AND COUNTRY ART SHOW Lower Gym, English Building

10:00 Gallery Talk: Framing — Donald Robertson

TUESDAY AFTERNOON

BUTTONS TO BARNS Stock Pavilion R. E. Nelson and T. W. Curtin, presiding

12:00 Exhibits and Discussions on Trees and Wood Use
3:00 General Session
4:15 Exhibits and Discussions on Trees and Wood Use
5:30 Adjourn

DAIRY MARKETING AND DAIRY PRODUCTION 135 Animal Sciences Laboratory
W. B. Peterson, presiding

1:00 Practical Methods for Expanding the School Milk Program in Illinois — R. E. Jacobson
1:30 What Problems Do Bulk Tanks Cause? How Can They Be Answered?
Panel: Robert Erickson, Fletcher Gourley, A. L. McWilliams, Howard McGuire, Walter Mose, Russell Spaulding, Doyne York
2:30 Is Dairying Likely To Be a Profitable Enterprise Twenty-Five Years from Now? — R. W. Bartlett
Discussion — G. W. Salisbury
3:00 General Session

DAIRY SCIENCE AND ANIMAL NUTRITION 162 Animal Sciences Laboratory

4:00 to 5:30 Microbes, Meat, and Milk: An exhibit showing the association of rumen microorganisms with the utilization of fibrous feeds by farm animals

GRAIN MARKETING — EXPORTS AND PRICES 114 David Kinley Hall
R. J. Mutti, presiding

1:15 Progress in Exporting Grain Surplus — Gordon O. Fraser
2:00 Discussion
2:15 Outlook for Grain Prices in 1956 — T. A. Hieronymus
3:00 General Session

RURAL PASTORS' AND LAY LEADERS' SHORT COURSE 314 (S) Illini Union
Edward W. O'Rourke, presiding

1:00 Contributions of the Major Farm Organizations to the Community — Ralph S. Bradley, O. D. Brissenden, Dorsey Kirk
3:00 General Session

HOMEMAKERS' PROGRAM AND ILLINOIS HOME BUREAU FEDERATION
Auditorium Mrs. E. D. McGuire, presiding

1:15 Building Homemakers — Laurence C. Jones
3:00 General Session
1:30 and 4:15 Tours through Bevier Hall and Child Development Laboratory

FERTILIZERS 112 Gregory Hall A. L. Lang, presiding

1:00 Water Soluble Fertilizers — E. H. Tyner
1:20 Recent Phosphorus Experiments with Wheat — R. H. Bray
1:40 Report on 1955 and 1956 Nitrogen Studies — L. T. Kurtz
2:15 Recent Work on Some Trace Elements — J. H. Muntz
3:00 General Session

TRACTORS AND MACHINERY 201 Agricultural Engineering
R. I. Shawl, presiding

1:00 Agriculture in Hawaii — G. E. Pickard
1:40 Diesel and Gasoline Tractors — J. A. Weber
2:00 Problems in Adjusting Mounted Plows — George E. Sullivan
3:00 General Session

HORTICULTURE 103 Mumford Hall F. F. Weinard, presiding

1:00 Arranging Flowers for the Occasional Table — J. R. Culbert
3:00 General Session

127 Mumford Hall J. S. Titus, presiding

1:00 Fruit Tree Pruning Demonstration — F. W. Owen
1:30 Spraying Made Easy — Dwight Powell
2:00 Grape Time — F. W. Owen
2:30 That New Protecting Cover for Grapes — Dwight Powell
3:00 General Session

101 Floriculture Building

1:00 Horticultural Exhibits
Gardening Information Booths — C. E. Ackerman, H. R. Kemmerer, N. F. Oebker, F. W. Owen
3:00 General Session

103 Floriculture Building D. C. Saupe, in charge

2:00 Conducted Tours through Floriculture Greenhouses

3:00 General Session

GENERAL SESSION Auditorium Janice Smith, presiding

3:00 Music
Financial Security for Today's Farm Families — Mrs. Marion S. Eberly, Director, Women's Division, Institute of Life Insurance, New York

TUESDAY EVENING

COLLEGE OF AGRICULTURE ALUMNI ASSOCIATION Stock Pavilion

†5:00 Annual Meeting and Barbecue

ILLINOIS HOME BUREAU FEDERATION Latzer Hall, University YMCA

†6:00 President's Dinner — Limited to past and present county home bureau and federation presidents and new and retiring Illinois Home Bureau Federation Advisory Board members

WINTER FESTIVAL FOLK AND SQUARE DANCE JAMBOREE George Huff Gym
E. H. Regnier, presiding

7:00 to 11:00 An evening of recreation for Farm and Home Week guests featuring callers, teams, bands, and dancers from the Illinois Farm Sports Festival Finals

RURAL PASTORS' AND LAY LEADERS' SHORT COURSE 314 (S) Illini Union
Elvin D. Frantz, presiding

7:30 America's World Mission and Her Christian Responsibility
Panel: E. N. Holmgreen, L. G. Ligutti, D. E. Lindstrom, Kenneth Maxwell

† Charge for admission.

WEDNESDAY, JANUARY 30

MORNING

ILLINOIS HOME BUREAU FEDERATION Great Hall, Wesley Foundation

†7:00 Organization Coffee Hour — Mrs. Floyd Leonhard, in charge
Let's Talk About You — H. L. Porter

HOMEMAKERS' PROGRAM Lincoln Hall Theatre
Ruth Crawford Freeman, presiding

9:30 A Date with Your Financial Future — Marion S. Eberly
Catherine M. Sullivan, presiding
10:30 What Do You Want in Counter Tops and Smooth Floor Coverings? — Velma V. Everhart
11:30 Adjourn

RURAL PASTORS' AND LAY LEADERS' SHORT COURSE

8:00 Roman Catholic Mass, St. John's Chapel, Sixth and Armory
8:15 Devotions 314(S) Illini Union Elvin D. Frantz, presiding
Meeting: 314 (S) Illini Union Clarence C. Innis, presiding
9:00 Integration in Rural Areas with Small Industries — Victor Obenhaus
10:15 Discussion and Summary
11:45 Adjourn

AGRONOMY Auditorium

8:00 Question Box on Forage Crops and Fertilizers — O. H. Sears, leader

CORN PRODUCTION Auditorium M. B. Russell, presiding

9:00 Experimental Corn Hybrids Tested in 1956 — R. W. Jugenheimer
9:20 1956 Tests with Commercially Available Corn Hybrids — E. R. Leng
9:55 New Chemicals for Weed Control — F. W. Slife
10:15 The Insect Situation — H. B. Petty
10:30 Progress in Soil Insect Control, 1956 — J. H. Bigger
10:45 Insecticides for Corn Borer Control — W. H. Luckmann
11:00 Breeding Corn for High Density Planting — D. E. Alexander
11:25 Adjourn

BUTTONS TO BARNS Stock Pavilion W. F. Bulkley and J. J. Jokela, presiding

8:00 Exhibits and Discussions on Trees and Wood Use
12:00 Adjourn

HORTICULTURE 103 Mumford Hall G. M. Fosler, presiding

9:00 Roses for Every Garden — F. F. Weinard
10:00 The Flower Garden Where Nothing Grows — J. R. Kamp

† Charge for admission.

11:00 Reduce Lawn Mowing with Ornamental Ground Covers — H. R. Kemmerer
11:30 Adjourn

128 Mumford Hall N. F. Oebker, presiding

10:00 Movies — Vegetable Gardening
11:00 Stump the Experts with Your Vegetable Gardening Problems — C. Y. Arnold, M. B. Linn, J. M. Wright
11:30 Adjourn

101 Floriculture Building

9:00 Horticultural Exhibits
Gardening Information Booth — C. E. Ackerman, H. R. Kemmerer, N. F. Oebker, F. W. Owen
12:00 Adjourn

CAMPING ASSOCIATIONS Illini Union

8:00 Southern Illinois, General Lounge
8:00 Shaw-waw-nas-see, Faculty Lounge
8:00 Shaubena, Room 209
10:00 Central Illinois, General Lounge

EFFICIENCY IN BEEF CATTLE PRODUCTION 135 Animal Sciences Laboratory
H. G. Russell, presiding

9:00 How About High Moisture Corn for Beef Cattle? — F. C. Hinds
9:15 Is Green Chopping for Me? — W. W. Albert
9:30 What's Cooking in Our Silos? — J. L. Williamson
9:45 Why I Use Performance Testing — Glen Brown
10:15 Implanting vs. Feeding of Hormones — N. W. Bradley
10:30 Questions, Answers, and More Questions About Hormones and Antibiotics — G. E. Mitchell, Jr.
10:45 A Range Man Looks at Corn Belt Feedlots — W. W. Miller
11:05 Question Period

DAIRY SCIENCE AND ANIMAL NUTRITION 162 Animal Sciences Laboratory

11:20 to 1:00 Microbes, Meat, and Milk: An exhibit showing the association of rumen microorganisms with the utilization of fibrous feeds by farm animals

FARM LABOR, LEISURE, AND LONGEVITY 112 Gregory Hall
J. E. Wills, presiding

9:00 What Are the Problems of Farm Labor? — J. E. Wills
9:10 How Long Do Farmers Work? — R. A. Hinton

9:30 How Hard Do Farmers Work? — J. T. Clayton
10:00 Does Hard Work Affect Health? — F. E. Boys
10:30 What Combination . . . Work, Health, Profits? — D. J. Hunter
10:50 Question Period
11:30 Adjourn

ILLINOIS RURAL SAFETY COUNCIL 100 Gregory Hall
9:30 Annual Meeting
Report of President — Ward Cross
Report of Executive Secretary — O. L. Hogsett
Special Safety Program
11:30 Adjourn

SAVE ALL THE GRAIN YOU GROW 201 Agricultural Engineering
F. B. Lanham, presiding
9:00 Harvest Early — E. L. Hansen
9:20 Use Efficient Harvesting Equipment — G. E. Pickard
9:40 Store in Sound Structures
New Grain Storage Structures — D. G. Jedele
Remodeled Structures for Grain Storage — J. O. Curtis
10:20 Dry with Forced Air — F. W. Andrew
11:00 Control Surface Spoilage — J. T. Clayton
11:15 Protect Against Rodent Contamination — Carl Mohr
11:30 Adjourn

FAMILY CAMP Faculty Lounge, Illini Union Tom Mullen, presiding
10:00 Some Experiences, Plans, and Proposals for Family Camping in Illinois
11:30 Adjourn

TOWN AND COUNTRY ART SHOW Lower Gym, English Building
10:00 Gallery Talk: Printing for Fun — Jean Pichotta

EPSILON SIGMA PHI Ballroom Illini Union
†11:30 Luncheon

FAMILY MONEY MANAGEMENT Latzer Hall, University YMCA
Ruth Crawford Freeman, presiding
†11:45 Luncheon

FFA FOUNDATION 314(N) Illini Union C. W. Weldon, presiding
†12:00 Luncheon and Meeting

† Charge for admission.

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WEDNESDAY AFTERNOON

BUTTONS TO BARNS Stock Pavilion L. B. Culver and J. K. Guiher, presiding

12:00 Exhibits and Discussions of Trees and Wood Use
3:00 General Session
4:15 Exhibits and Discussions on Trees and Wood Use

HOMEMAKERS' PROGRAM Lincoln Hall Theatre
Margaret R. Goodyear, presiding

1:30 What Do You Want in Pile Floor Coverings? — Ross Miller
3:00 General Session
4:15 Tours through Bevier Hall and Child Development Laboratory

RURAL HOUSING 201 Agricultural Engineering Lulu S. Black, presiding

1:00 Planning Housing for Grandparents, Parents, and Children on the Farm
Relationship Problems of Living Together — Margueritte Briggs
Housing to Meet Multi-family Living Needs — Catherine Sullivan, K. H. Hinchcliff
2:00 How We Modernized Our Old Farm Home — Mr. and Mrs. Albert Dimond
2:20 Little Cost Farm Home Improvements That Bring Big Satisfactions — K. H. Hinchcliff
2:40 Awards from Displays of Illinois Farmhouse Convenience Improvements and Illinois Farmhouse Appearance Improvement
3:00 General Session

WHERE ARE WE GOING WITH THE MEAT-TYPE HOG? 135 Animal Sciences Laboratory S. W. Terrill, presiding

1:00 Programs for Selecting Meat-type Hogs — G. R. Carlisle
1:15 Can We Feed the Fat Off? — D. E. Becker
1:30 Where Are We in Marketing Meat-type Hogs? — R. L. Coppersmith
1:45 Hogs: Well Muscled or Meatless Wonders? — B. C. Breidenstein, Jasper Lewis
3:00 General Session

DAIRY SCIENCE AND ANIMAL NUTRITION 162 Animal Sciences Laboratory

4:00 to 5:30 Microbes, Meat, and Milk: An exhibit showing the association of rumen microorganisms with the utilization of fibrous feeds by farm animals

FARM APPRAISAL AND FARM SIZE PROBLEMS 112 Gregory Hall
J. B. Cunningham, presiding

1:00 Movie — What Is a Farm Worth? — Walter H. Droste
1:20 Will Enlarging My Farm Cut My Costs? — A. G. Mueller
1:35 Should Size of Farm Affect the Lease Terms? — F. J. Reiss
1:50 Discussion
2:00 Off-farm Income as an Alternative to Farm Enlargement — Christine Hillman
2:35 Outlook for Farm Sizes and Land Values — C. L. Stewart
3:00 General Session

CORN PRODUCTION Auditorium W. L. Burlison, presiding

1:00 Progress in Breeding Short Corn Hybrids — E. R. Leng
1:30 Why Short Corn Hybrids Are Short — O. T. Bonnett
2:00 Grain Sorghum Varieties — R. O. Weibel
2:20 Cultural Practices and Problems in Growing Grain Sorghums — C. F. Douglas
3:00 General Session

RURAL PASTORS' AND LAY LEADERS' SHORT COURSE 314 (S) Illini Union
Vernon H. MacNeill, presiding

1:00 How God Is Active in the Community — E. W. Mueller
3:00 General Session

HORTICULTURE 103 Mumford Hall F. F. Weinard, presiding

1:00 Arranging Flowers for the Occasional Table — J. R. Culbert
3:00 General Session

127 Mumford Hall J. S. Titus, presiding

1:00 Fruit Tree Pruning Demonstration — F. W. Owen
1:30 Spraying Made Easy — Dwight Powell
2:00 Grape Time — F. W. Owen
2:30 That New Protecting Cover for Grapes — Dwight Powell
3:00 General Session

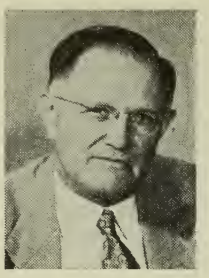
101 Floriculture Building

1:00 Horticultural Exhibits
Gardening Information Booths — C. E. Ackerman, H. R. Kemmerer, N. F. Oebker, F. W. Owen
3:00 General Session

103 Floriculture Building D. C. Saupe, in charge

2:00 Conducted Tours through Floriculture Greenhouses
3:00 General Session

GENERAL SESSION Auditorium J. N. Spaeth, presiding



3:00 A Broad Look at Our Resource Problem — R. G. Gustavson, Executive Director, Resources for the Future, Inc., Washington, D. C.

ILLINOIS STATE ASSOCIATION OF HOME ADVISERS 100 Gregory Hall
Marjorie Jean Tabor, presiding

4:00 Meeting

WEDNESDAY EVENING

ILLINOIS CROP IMPROVEMENT ASSOCIATION Ballroom Illini Union

†6:30 Annual Banquet

ILLINOIS RURAL MUSIC AND DRAMA FESTIVAL Auditorium

†8:00 Stage productions of selected one-act plays, sketches, and music features from the 1956-57 county and district festivals

† Charge for admission.

THURSDAY, JANUARY 31

MORNING

BUTTONS TO BARNS Stock Pavilion R. W. Lorenz and K. R. Peterson, presiding

8:00 Exhibits and Discussions on Trees and Wood Use
12:00 Adjourn

CAMPING ASSOCIATIONS Illini Union

8:00 White Eagle, General Lounge
8:00 Western, Faculty Lounge

HOMEMAKERS' PROGRAM Lincoln Hall Theatre Janice Smith, presiding

9:00 Microwaves Can Do Your Cooking. A discussion of the use of electronics in the home and a demonstration of electronic cookery — Barbara McGrath, Celeste Sullivan, Frances O. Van Duyne, David A. Copson
11:30 Adjourn

ELECTRICITY, YOUR BEST CHORE HAND 201 Agricultural Engineering
E. L. Hansen, presiding

9:00 My Automatic Feeding System — As Told by Farmers
F. W. Andrew, leader; Wrenn Brothers, Arthur Clark, Ted Hebert, Melvin Sims
9:30 Ear Corn Grinding — John W. Service
9:50 Packaged Small Grain Grinding System — R. F. Skelton
10:10 Current Research in Feed Handling
High Capacity Silage Elevator
Handling Silage with Augers
High Pressure Pneumatic Conveying
Small Grain Feed Meters — R. M. Peart, H. B. Puckett, W. F. Schwiesow
10:45 Tour through Farm Electrification Research Laboratory
11:30 Adjourn

PLANNING YOUR FARM BUSINESS UNDER THE SOIL BANK 314 Illini Union
G. B. Whitman, presiding

9:00 Highlights of the Soil Bank Act — R. M. Finley
9:20 Alternatives Under the Soil Bank
For the Grain Farmer — W. N. Thompson
For the Livestock Farmer — J. D. Henderson
10:10 Soil Bank Problems on Rented Farms — F. J. Reiss
10:35 Questions and Discussion
11:30 Adjourn

LEISURECRAFT AND COUNSELING CAMP COMMITTEE 211 Illini Union

10:00 Meeting

TOWN AND COUNTRY ART SHOW Lower Gym, English Building

10:00 Gallery Talk: Pictures by Wood Block Printing — B. M. Jackson

CONFERENCE OF ADVISORY COMMITTEES FOR AGRICULTURAL EDUCATION IN PUBLIC SCHOOLS 213 Gregory Hall

10:00 Planning the Future of Agricultural Education in the Public Schools in Illinois

The General Situation — H. M. Hamlin

Who Should Be Served? To What Extent? When? How? Where? — G. P. Deyoe

What Should Be the Responsibility for Agricultural Education of Each Division of a School System? — L. J. Phipps

What Should Be the Relationships Between the Schools and the Colleges in Providing Agricultural Education — J. S. McVickar

11:00 Panel and Audience Discussion

11:30 Adjourn

ILLINOIS TURKEY GROWERS' ASSOCIATION 135 Animal Sciences Laboratory

10:00 Meeting

†6:30 Banquet — Latzer Hall, University YMCA

FARM MANAGEMENT LUNCHEON Ballroom Illini Union
W. D. Buddemeier, presiding

†11:45 Luncheon

12:30 Introductions and Recognitions

12:45 Entertainment

1:00 Your College of Agriculture and Farmers in Other Lands — L. B. Howard

THURSDAY AFTERNOON

BUTTONS TO BARNS Stock Pavilion C. S. Walters and H. Scholten, presiding

12:00 Exhibits and Discussions on Trees and Wood Use

3:00 Adjourn

CONFERENCE OF ADVISORY COMMITTEES FOR AGRICULTURAL EDUCATION IN PUBLIC SCHOOLS Gregory Hall

1:15 Issues in Planning the Future of Public School Education in Agriculture

How Should Decisions about Public School Education in Agriculture Be Made? — H. M. Hamlin (Room 215)

How Should Agricultural Education in a Public School Be Evaluated? — John Craddock (Room 217)

† Charge for admission.

Should the High School Program in Vocational Agriculture Be Redesigned? — H. R. Damisch (Room 213)

Should More Staff Time and More Funds Be Devoted to the Education of Young and Adult Farmers? — L. J. Phipps (Room 221)

What Provisions Should Be Made for the Agricultural Education of Part-time Farmers and Nonfarmers? — G. P. Deyoe (Room 219)

What Provisions Should Be Made for Workers and Prospective Workers in Agricultural Occupations Other than Farming? — A. H. Krebs (Room 311)

When Is the Agricultural Education in a School System Adequately Financed? — J. N. Weiss (Room 331)

3:00 Adjourn

STATE CAMPING COMMITTEE 424 Mumford Hall

1:00 Meeting

HOME ECONOMICS TOUR

1:30 Bevier Hall and Child Development Laboratory

ILLINOIS SOCIETY OF FARM MANAGERS AND RURAL APPRAISERS
314 (N) Illini Union

2:00 Meeting

THURSDAY EVENING

ILLINOIS TURKEY GROWERS' ASSOCIATION Latzer Hall, University YMCA

†6:30 Banquet

ILLINOIS SOCIETY OF FARM MANAGERS AND RURAL APPRAISERS
314 (N) Illini Union

7:30 Meeting

† Charge for admission.

FRIDAY, FEBRUARY 1,

ILLINOIS SOCIETY OF FARM MANAGERS AND RURAL APPRAISERS
314 Illini Union

8:30 Meeting

†12:00 Luncheon Ballroom Illini Union

† Charge for admission.

SPECIAL EVENTS, LUNCHEONS, AND BANQUETS

For exhibits, tours, and demonstrations see inside cover page, listing under programs, and pages 20 and 21.

SUNDAY, JANUARY 27

7:30 p.m. SUNDAY EVENING CONVOCATION Smith Music Hall

MONDAY, JANUARY 28

8:00 a.m. ILLINOIS HOME BUREAU FEDERATION ADVISORY BOARD MEETING 141 Electrical Engineering Building

11:45 a.m. 4-H X-TRA CORN YIELD BANQUET Ballroom, Illini Union. Sponsored by Illinois Farm Supply. Admission by invitation.

†5:30 p.m. RURAL PASTORS' SHORT COURSE ANNUAL DINNER University Place Christian Church

†5:45 p.m. RURAL YOUTH BANQUET Ballroom, Illini Union

6:30 p.m. FARM AND HOME WEEK OPEN HOUSE Illini Union

TUESDAY, JANUARY 29

8:30 a.m. ILLINOIS ASSOCIATION OF FARM ADVISERS ANNUAL MEETING Latzer Hall, University YMCA

†12:00 noon ILLINOIS HOME BUREAU FEDERATION LUNCHEON Ballroom, Illini Union. Reservations necessary.

†5:00 p.m. COLLEGE OF AGRICULTURE ALUMNI ASSOCIATION ANNUAL MEETING AND BARBECUE Stock Pavilion

†6:00 p.m. ILLINOIS HOME BUREAU FEDERATION PRESIDENTS' DINNER Latzer Hall, University YMCA. Reservations necessary.

7:00 p.m. WINTER FESTIVAL George Huff Gym

WEDNESDAY, JANUARY 30

†7:00 a.m. ILLINOIS HOME BUREAU ORGANIZATION Coffee Hour. Great Hall, Wesley Foundation. Reservations necessary.

8:00 a.m. SOUTHERN ILLINOIS CAMPING ASSOCIATION General Lounge, Illini Union

8:00 a.m. SHAW-WAW-NAS-SEE CAMPING ASSOCIATION Faculty Lounge, Illini Union

8:00 a.m. SHAUBENA CAMPING ASSOCIATION 209 Illini Union

9:30 a.m. ILLINOIS RURAL SAFETY COUNCIL 100 Gregory Hall

† Charge for admission.

10:00 a.m. FAMILY CAMP Faculty Lounge, Illini Union

10:00 a.m. CENTRAL ILLINOIS CAMPING ASSOCIATION General Lounge, Illini Union

†11:30 a.m. EPSILON SIGMA PHI LUNCHEON Ballroom, Illini Union

†11:45 a.m. FAMILY MONEY MANAGEMENT LUNCHEON Latzer Hall, University YMCA

†12:00 noon FFA FOUNDATION LUNCHEON 314(N) Illini Union

4:00 p.m. ILLINOIS STATE ASSOCIATION OF HOME ADVISERS MEETING 100 Gregory Hall

†6:30 p.m. ILLINOIS CROP IMPROVMENT ASSOCIATION ANNUAL BANQUET Ballroom, Illini Union

†8:00 p.m. ILLINOIS RURAL MUSIC AND DRAMA FESTIVAL Auditorium

THURSDAY, JANUARY 31

8:00 a.m. WHITE EAGLE CAMPING ASSOCIATION General Lounge, Illini Union

8:00 a.m. WESTERN CAMPING ASSOCIATION Faculty Lounge, Illini Union

10:00 a.m. LEISURECRAFT AND COUNSELING CAMP COMMITTEE 211 Illini Union

10:00 a.m. ILLINOIS TURKEY GROWERS' ASSOCIATION MEETING 135 Animal Sciences Laboratory

†11:45 a.m. FARM MANAGEMENT LUNCHEON Ballroom, Illini Union

1:00 p.m. STATE CAMPING COMMITTEE 424 Mumford Hall

2:00 p.m. ILLINOIS SOCIETY OF FARM MANAGERS AND RURAL APPRAISERS MEETING 314(N) Illini Union

†6:30 p.m. ILLINOIS TURKEY GROWERS' ASSOCIATION BANQUET Latzer Hall, University YMCA

7:30 p.m. ILLINOIS SOCIETY OF FARM MANAGERS AND RURAL APPRAISERS MEETING 314(N) Illini Union

FRIDAY, FEBRUARY 1

8:30 a.m. ILLINOIS SOCIETY OF FARM MANAGERS AND RURAL APPRAISERS 314 Illini Union

†12:00 noon LUNCHEON Ballroom, Illini Union

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† Charge for admission.

IDENTIFICATION OF SPEAKERS

*Ackerman, C. E. — Instructor, Floriculture Extension
*Albert, W. W. — Assistant Professor, Animal Science
*Alexander, D. E. — Assistant Professor, Agronomy
*Andrew, F. W. — Associate Professor, Rural Electrification Extension
Argue, Herbert — Assistant Manager, Pure Milk Association, 343 South Dearborn Street, Chicago 5, Illinois
*Arnold, C. Y. — Associate Professor, Vegetable Crops
Barker, M. S. — Assistant Sales Manager, John Deere Planter Works, Deere and Company, Moline, Illinois
*Bartlett, R. W. — Professor, Agricultural Economics
*Bassie, V L. — Professor, Economics
*Bateman, H. P. — Assistant Professor, Farm Power and Machinery
*Beamer, P. D. — Professor, Veterinary Pathology and Hygiene and Veterinary Research
*Becker, D. E. — Associate Professor, Animal Science
*Bigger, J. H. — Entomologist, State Natural History Survey
*Black, Lulu S. — State Leader of Home Economics Extension
Blough, John H. — Director of Evangelism, Illinois Council of Churches, 100 West Adams Street, Springfield, Illinois
*Bonnett, O. T. — Professor, Plant Genetics
*Bowers, Wendell — Assistant Professor, Farm Power and Machinery Extension
*Boys, F. E. — Associate Professor, Health Education
*Bradley, N. W. — Assistant, Animal Science
Bradley, Ralph S. — President, Illinois Farmers' Union, 403 East Washington Street, Springfield, Illinois
*Brandly, C. A. — Dean, College of Veterinary Medicine
*Bray, R. H. — Professor, Soil Fertility
*Breidenstein, B. C. — Assistant Professor, Animal Science
*Briggs, Margueritte — Assistant Professor, Child Development and Parent Education Extension
Brissenden, O. D. — Special Assistant to President, Illinois Agricultural Association, 43 East Ohio Street, Chicago 11, Illinois
*Broadbent, E. E. — Associate Professor, Agricultural Marketing
*Brown, C. M. — Assistant Professor, Agronomy
Brown, Glen — Farmer, Athens, Illinois
*Buddemeier, W. D. — Associate Professor, Farm Management
*Bulkley, W. F. — Associate Extension Forester
*Burger, A. W. — Associate Professor, Agronomy
*Burlison, W. L. — Professor, Agronomy, *Emeritus*
*Carlisle, G. R. — Associate Professor, Animal Science
*Case, H. C. M. — Professor, Agricultural Economics
*Cash, J. G. — Professor, Dairy Science
Cassady, Dick — Rural Youth Committee Member, Blackstone, Illinois
Caughey, Sidney V. — Member, State Agricultural Stabilization and Conservation Committee, 232 U.S.P.O. and Court House, Springfield, Illinois
Clark, Arthur — Farmer, Homer, Illinois
*Clayton, J. T. — Assistant Professor, Farm Structures
*Coppersmith, R. L. — Extension Economist, Livestock Marketing
Copson, David A. — Manager, Food Laboratories, Raytheon Manufacturing Company, Waltham, Massachusetts

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* Staff members, University of Illinois.

*Craddock, John — Assistant, Agricultural Education

Cross, Ward — President, Illinois Rural Safety Council, Illinois Agricultural Association, 43 East Ohio Street, Chicago 11, Illinois

*Culbert, J. R. — Assistant Professor, Floriculture

*Culver, L. B. — Extension Forester

*Cunningham, J. B. — Associate Professor, Farm Management Extension

*Curtin, T. W. — Research Associate, Forestry

*Curtis, J. O. — Assistant Professor, Farm Structures

Dalhaus, E. W. — Director, Young People's Activities, Illinois Agricultural Association, 43 East Ohio Street, Chicago 11, Illinois

Damisch, H. R. — Chief in Agricultural Education, Illinois State Board of Vocational Education, 405 Centennial Building, Springfield, Illinois

Davenport, L. R. — Division of Milk Control, Illinois Department of Public Health, Springfield, Illinois

*Davis, V. W. — Agricultural Economist, U. S. Department of Agriculture

Densmore, F. F. — Veterinary practitioner, Dixon, Illinois

*De Soto, Ernesto — Instructor, Art

*Deyoe, G. P. — Professor, Agricultural Education

Dimond, Mr. and Mrs. Albert — Farmer and wife, Lovington, Illinois

*Douglas, C. F. — Assistant, Agronomy

Droste, Walter H. — President, Federal Land Bank, 506 Olive Street, St. Louis 3, Missouri

Eberly, Mrs. Marion S. — Director, Women's Division, Institute of Life Insurance, 488 Madison Avenue, New York 22, New York

*Endo, R. M. — Agent, Bureau Cereal Crops, U. S. Department of Agriculture

Erickson, Robert — Manager, Prairie Farms Creamery, Mt. Sterling, Illinois

Everhart, Mrs. Velma V. — School of Home Economics, Ohio State University, Columbus 10, Ohio

*Everly, J. C. — Assistant Extension Editor

*Finley, R. M. — Extension Specialist, Farm Management

*Fosler, G. M. — Instructor, Floriculture

Frantz, Elvin D. — State Director, CROP, 100 West Adams Street, Springfield, Illinois

Fraser, Gordon O. — Assistant Administrator, Market Development Division, Foreign Agricultural Service, U. S. Department of Agriculture, Washington 25, D. C.

*Freeman, Mrs. Ruth Crawford — Associate Professor, Family Economics Extension

*Gardner, K. E. — Professor, Dairy Production

*Goodyear, Margaret R. — Associate Professor, Home Economics

Gourley, Fletcher — Manager, Prairie Farms Creamery, Carlinville, Illinois

*Guiher, J. K. — Assistant Professor, Forestry

Gustavson, R. G. — Executive Director, Resources for the Future, Inc., Association Building, 1145 Nineteenth Street, N.W., Washington 6, D. C.

*Hackleman, J. C. — Professor, Agronomy, *Emeritus*

Hamer, Ira — Farmer, Kirkland, Illinois

*Hamlin, H. M. — Chairman, Division of Agricultural Education

*Hansen, E. L. — Professor, Farm Structures

*Harshbarger, K. E. — Assistant Professor, Dairy Production

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COMMITTEES

FARM AND HOME WEEK

C. S. Walters, chairman; J. H. Behrens, Barbara S. Boyd, J. H. Byers, G. M. Fosler, J. W. Gerdemann, Cleo A. Hall, L. E. Hanson, A. H. Jensen, J. J. Jokela, Mary S. Ligon, L. E. McKinzie, M. H. Newport, R. C. Ross, L. E. Sarbaugh, F. W. Slife, M. P. Steinberg, W. N. Thompson, J. A. Weber, and Helen Zwolanek; Mary Svetez and Ruth Gorrell, secretaries

BUDGET

F. W. Slife, chairman; C. Y. Arnold, Ruth C. Freeman, Mary S. Ligon, R. W. Lorenz, Z. J. Ordal, Mary Svetez; R. C. Ross

GENERAL SESSIONS

L. E. McKinzie, chairman; L. E. Hanson, J. J. Jokela, Mary S. Ligon

INFORMATION AND PUBLICITY

L. E. Sarbaugh, chairman; E. E. Broadbent, W. F. Bulkley, Ruth Gorrell, Jessie Heathman, J. W. Pendleton

MEETING SPACE

R. A. Kelly, chairman; H. W. Bean, J. T. Clayton, C. H. Farnham, Margery E. Suhre, Mary Svetez, W. A. Wood

MUSIC AND DRAMA FESTIVAL

E. H. Regnier, chairman; Erma Cottingham, J. H. Herbst, E. A. Scholer, V. C. Shaul, M. P. Steinberg

OPEN HOUSE

F. J. Reiss, chairman; H. R. Brunnemeyer, R. R. Hudelson, L. E. Sarbaugh, Harold Scholten, R. I. Shawl, Lorraine D. Trebilcock

PROGRAM THEME AND COORDINATION

W. N. Thompson, chairman; J. H. Behrens, Barbara S. Boyd, J. W. Gerdemann, C. J. Isoline, M. H. Newport, J. A. Weber, Helen Zwolanek

REGISTRATION AND HOUSING

A. U. Thor, chairman; J. H. Byers, Fern Carl, Virginia R. Charles, A. G. Mueller, F. H. Mynard, H. L. Sharp

SQUARE AND FOLK DANCE

K. Virginia Seidel, chairman; D. J. Bray, E. W. Dalhaus, W. F. Goodell, K. H. Hinchcliff, A. H. Jensen, K. A. Kendall, E. R. Leng, E. H. Regnier, Clareta Walker, Roy Will

SUNDAY EVENING PROGRAM

Frances O. Van Duyne, chairman; Fern Carl, G. H. Dungan, C. L. Folse, Cleo Hall, B. L. Larson, J. C. Spitler

TOWN AND COUNTRY ART SHOW

D. A. Brown, chairman; G. R. Bradshaw, W. D. Buddemeier, W. L. Burlison, G. M. Fosler, G. N. Foster, Walter Johnson

USHERING

K. R. Peterson, chairman; Barbara S. Boyd, R. F. Hacker, M. H. Newport, C. S. Walters

VISUAL AIDS

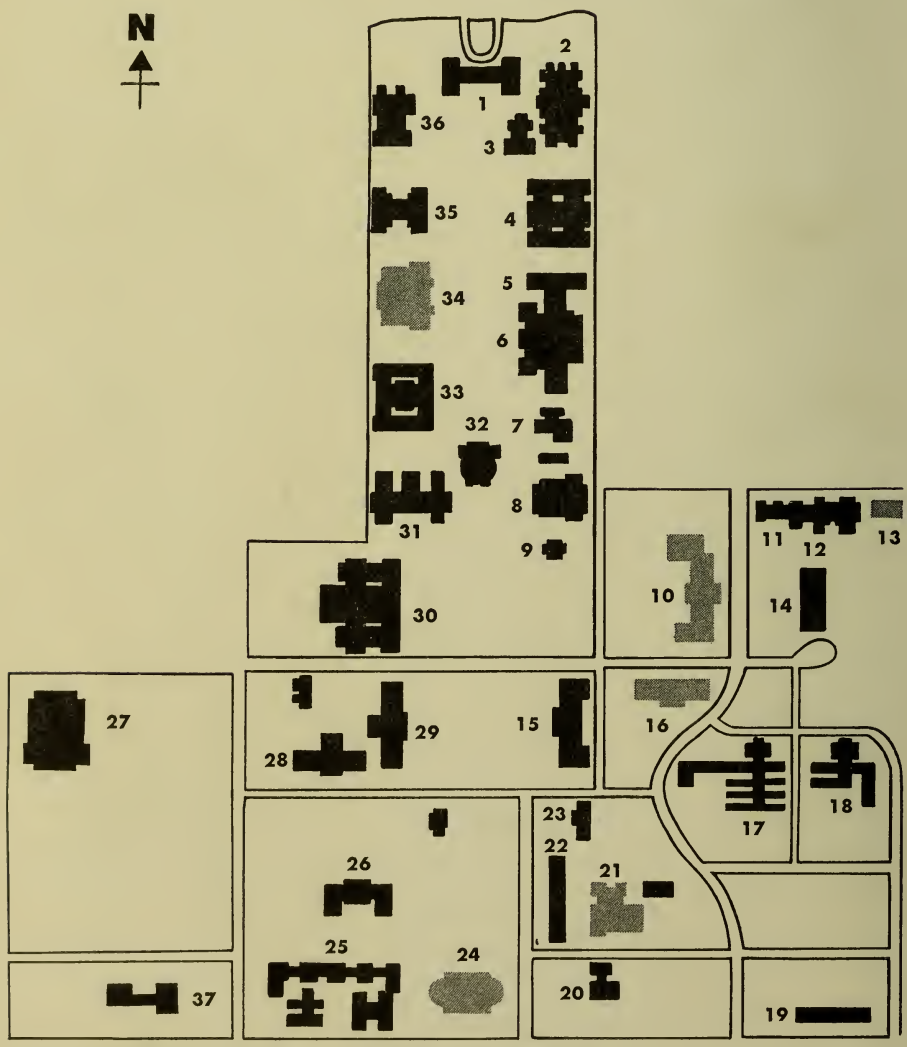
J. H. Behrens, chairman; J. H. Byers, G. M. Fosler, J. W. Gerdemann, L. E. Hanson, A. H. Jensen, J. J. Jokela, F. W. Slife, M. P. Steinberg, W. N. Thompson, J. A. Weber, Helen Zwolanek

NOTES

NOTES

MAP OF SOUTH CAMPUS AREA

1 ILLINI UNION
2 NATURAL HISTORY
3 HARKER HALL
4 NOYES LABORATORY OF CHEMISTRY
5 CHEMISTRY ANNEX
6 DAVENPORT HALL
7 AGRONOMY ANNEX AND GREENHOUSE
8 SMITH MUSIC HALL
9 OBSERVATORY
10 BEVIER HALL — HOME ECONOMICS
11 EVANS HALL
12 BUSEY HALL
13 CHILD DEVELOPMENT LABORATORY
14 WOMEN'S GYMNASIUM
15 MUMFORD HALL
16 ANIMAL SCIENCES LABORATORY
17 FLORICULTURE
18 VEGETABLE CROPS BUILDING
19 VETERINARY MEDICINE
20 DAIRY MANUFACTURES
21 AGRICULTURAL ENGINEERING
22 AGRICULTURAL ENGINEERING BUILDING AND RESEARCH LABORATORY
23 ANIMAL GENETICS
24 STOCK JUDGING PAVILION
25 NATURAL RESOURCES
26 VETERINARY CLINIC
27 HUFF GYMNASIUM
28 ARCHITECTURE
29 DAVID KINLEY HALL
30 LIBRARY
31 GREGORY HALL
32 AUDITORIUM
33 LINCOLN HALL
34 ENGLISH BUILDING
35 ADMINISTRATION
36 ALTGELD HALL
37 LAW BUILDING



VIVARIUM BUILDING — 1 block north and 1 block west of Illini Union
ELECTRICAL ENGINEERING BUILDING — 1 block west of Illini Union on Green Street

3 0112 105729328